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PETER HENDERSON & CO'S
Seed Catalogue

1875

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A Catalogue of Dutch Bulbs and Flower Roots

Imported direct from the most Celebrated Establishments in Holland, is published on the First of September, and will be sent to all applicants free of charge.

In ordering please use this sheet, being careful to fill out name and address in full.

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TO THE TRADE.

We allow 25 per cent. discount on all FLOWER or VEGETABLE SEEDS, when bought by the packet or ounce. When SEEDS are wanted in larger quantities, see our wholesale list. Prices for all other articles here quoted are net.

Peter Henderson & Co.

SEEDSMEN, 35 CORTLANDT ST., New York.

ARTICLES.

PRICE.

To Our Customers.

EXCEPT in rare cases, all orders are forwarded *the day after they are received by us*. The importance of being enabled to do this, particularly in such an article as seeds (where it is so often imperative that there be no delay), can hardly be over-estimated. The many letters we have received in past seasons, thanking us for promptness, as well as our steadily increasing trade, convinces us that our rule in this respect is fully appreciated.

An experience of twenty-five years, in both the Vegetable and Fancy Departments of our business, makes us aware of how important it is that all seeds should be pure, and true to name. We annually take every precaution (by personal supervision as far as possible) that all seeds sent out by us shall be fresh, and true to description; but we can not be responsible for failures that may occasionally arise from insects, or other unfavorable causes. We *invariably test all seeds we send out*, which we are enabled readily to do from our having extensive green-houses and gardens in Jersey City; the benefits that must accrue by this plan to both our patrons and ourselves will be quickly perceived.

Orders should be made out separate from the body of the letter, and the name and address written distinctly and in full. We receive annually many letters containing orders and money without either signature or address, which sometimes causes much vexatious correspondence and delay.

Those of our customers who require both seeds and plants will find it a great convenience to send their orders to us, as the orders can be forwarded together in one parcel, thereby saving additional express charges; *the orders for seeds and plants, however should be made out on separate lists.*

Whenever practicable, we will forward all

SEEDS

named in this Catalogue (except where noted), free by mail, on receipt of prices annexed. When from the nature of the order this cannot be done, and we send by Express or Freight, we will always add enough additional to fully cover the amount of Express charges the customer may incur.

We guarantee the safe arrival of all packages to any part of the country, and will also hold ourselves responsible for safe arrival of remittances sent us, when made in the form of a Draft, Registered Letter, or Post Office Order. Remittances sent us in any other way are entirely at the risk of the sender.

Orders from unknown correspondents must invariably be accompanied by a remittance, or satisfactory references.

PETER HENDERSON & CO.,

PETER HENDERSON,
WM. H. CARSON,
ALFRED HENDERSON. }

35 Cortlandt Street,

NEW YORK.

Propagation of Plants by Seeds.

Extract from "Practical Floriculture," by PETER HENDERSON.

THE propagation of plants, of all kinds, by seeds, is a matter in which instructions can only to a certain extent be given. Long experience only can give the necessary knowledge for the full understanding of the proper temperature and humidity essential for the successful germination of the different varieties. It may be laid down as a safe rule, however, that for the hardier varieties, a low medium temperature is required, say from 45° to 60°, and for the tender species, a temperature from 75° to 90°.

If Pansy seed is sown in July or August, where the temperature in the shade averages 80°, no matter how moist the soil is kept, if germination takes place at all it will be of so feeble a kind that the seedlings will not continue a healthy existence; but if the same seed were sown in September or October, with an average temperature of say 60° in the shade, a quick and healthy germination would be the result. The same rule applies to Cinerarias, Calceolarias, Auriculas, Primulas, and all other plants of this half-hardy nature. English, Scotch, and Irish gardeners, before they have had time for experience in this country, are apt to fall into the common error of sowing all these seeds too soon. Though it is proper to sow these seeds in July and August in England, with us, in this section, it must be delayed to September or October, and in warm latitudes still later, or failure is almost certain to follow. On the other hand, if we attempt to germinate Portulacas, Balsams, Amaranths, Zinnias, or other plants of tropical origin, in the medium temperature of 50°, they will either remain dormant until a higher temperature occurs, or perish. Ignorance of, or inattention to, these conditions, is far oftener the cause of failure than want of vitality in seeds.

Whether seeds are sown in the open border, in the window-garden of the parlor, in the hot-bed, or green-house, the same conditions should be followed, as far as practicable. In the open border there is not always a choice of soil, but if soil is to be prepared, let it be of a light nature; leaf mould from the woods, and well pulverized muck from the swamps, are excellent to sift on as a covering; or, where it is obtainable, the mould formed by decayed refuse hops is of great value as a covering for seeds. We have employed this exclusively as a covering for seeds of all kinds for many years, with results which have been vastly superior to those we had when we did not use it.

It must be borne in mind, that at first seeds do not so much need a fertile soil as they do one having the necessary mechanical condition; this is found exactly in the light, moisture-retaining nature of hop-mould. We can give no better rule than the old one of covering seeds to about their own depth with mould, although something depends on the *weight* of the material with which they are covered. One-fourth of an inch in depth of hop-mould or leaf-mould would be no more than equivalent to half that depth of ordinary loam; hence the advantage in using it, as it gives the seed a moist, springy covering, through which the tiny germ can freely push.

We know it is a practice very common with amateurs, and many gardeners, when starting seeds in hot-bed or green-house, to use flower-pots in their operations; they are generally two-thirds filled with potsherds, overlaying which is an inch or two of soil, and on this the seed is sown. Any continuation of dry weather necessitates almost daily watering of the flower-pots; this bakes or hardens the surface, while a day's inattention to them dries the soil, while it is in this condition, so as to injure the vitality of the seeds; hence very unsatisfactory results follow this practice too often.

For many years we have entirely discarded the use of earthen flower-pots or pans for the purpose of sowing seeds, and use shallow boxes instead. These we prepare by cutting the common-sized soap-box in three pieces, each one of a depth of about two inches. These boxes are filled with the prepared soil to the depth of 1½ inches, which is gently and evenly pressed, so as to give an entirely level surface; the seeds are then sown, and a light covering, from 1⁄8 to ¼ part of an inch thick, according to size or strength of seed, is sifted over them, through a sieve having a mesh only 1⁄10 part of an inch in diameter. The covering is gently pressed, to prevent the air penetrating the loose soil and drying up the seeds; watering, which it is well to avoid as much as possible, is thus rendered less necessary. Be careful, however, not to let them suffer for moisture, as in the weak condition of seedlings most plants are quickly injured by neglect of this kind, and, even with all possible care, we experience serious losses. Many varieties will "damp off," as we term it, just as the first rough leaves are being formed; this, however, is not the result of excessive moisture, as it occurs just as quickly in a dry temperature as a moist one. It is evidently caused by the same insidious spider-web-like substance that is known among gardeners as the "fungus of the cutting bench," and is evidently one of the minute fungi of which we have so many representatives. The best preventive of this disease, as it is sometimes called, is, just as soon as the seedling plants can be handled, to take them from the seed-boxes, and prick them out in boxes of similar mould, from ½ to 2 inches apart, according to the variety. This is a much better method than potting them off in flower-pots, as it not only saves time and room, but they always do better. In the flower-pots they are liable to be dried up, and the tender roots of the seedling plant thereby quickly destroyed.

Collections of Choice Flower Seeds

AS IMPORTED FROM THE MOST CELEBRATED EUROPEAN CULTIVATORS.

These are all of the very best quality, and can be highly recommended.

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Truffaut's Pæony-Flowered Perfection. In twelve separate distinct colors.....	\$1 25
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Cocardeau, or Crown. (White centres.) In six colors.....	75
Victoria. (Fine.) In twelve distinct colors.....	1 25
Rose-Flowered. In eight distinct colors.....	1 00

BALSAMS.

Double Dwarf, Camellia-Flowered. In six colors.....	75
Rose-Flowered. In twelve colors.....	1 00

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Ornamental-leaved Plants. Twelve finest species.....	1 00
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Pansy. Twelve distinct and beautiful varieties.....	1 50
Phlox Drummondii. Twelve beautiful varieties.....	1 00
Portulaca, Double. Six distinct varieties.....	1 00
Sweet Peas. Six distinct colors.....	25
Zinnia Elegans. Finest double. Six varieties.....	75

Collections of Hardy Annuals, Biennials & Perennials.

These comprise the most attractive and popular varieties in their several classes, and are put up for the convenience of those who may not be well acquainted with the numerous kinds contained in our general list, and who prefer to leave the selection to us.

HARDY ANNUALS.

One Hundred Distinct Varieties. Our own selection.....	\$5 00
Fifty Distinct Varieties. " "	2 50
Twenty-five Distinct Varieties. " "	1 00

BIENNIALS AND PERENNIALS.

One Hundred Distinct Varieties. Our own selection.....	5 00
Fifty Distinct Varieties. " "	2 50
Twenty Distinct Varieties. " "	1 00

Pansy, White Treasure.—(See next page.)

Novelties in Flower Seeds for 1875.

Aster, Cellular Victoria Crimson. A very fine glowing color, forming a worthy companion to the carmine rose variety, which was, till now, the sole representative of this recently introduced splendid race. Independently of the beauty of the color, this novelty is thoroughly constant, a property not shared by the carmine rose sort, which always produces a large percentage of the Victoria Needle Aster. Per packet, 50 cents.

Alonsoa Linifolia. This species surpasses in every respect the few sorts of the genus Alonsoa at present known. An uncommonly free-flowering nature and dwarf graceful habit, combined with an exceedingly pretty dark green foliage, agreeably contrasting with its gay-colored flowers, are characteristics possessed by this novelty, which cannot fail to procure for it rapid and universal cultivation. It is easily grown, and is susceptible of both pot and open-ground culture. Employed either for large or small masses, or as isolated specimens, the *Alonsoa linifolia*, bearing as it does a striking resemblance to certain of the elegant-foliaged New Holland plants, will produce a surprisingly beautiful effect. Per packet, 50 cents.

Alonsoa Myrtifolia. This new variety is of a larger and more vigorous growth than the preceding. The individual flowers are larger by far than in any other species of this genus, and of an intenser scarlet than those of *Alonsoa linifolia*. It makes a very good pot plant, but, by reason of its strong-growing nature, it is principally adapted for beds in the open ground, for which, on account of the showiness of its flowers, it will be found of great service. Per packet, 50 cents.

Bismarck Larkspur. Red striped. This new race is intermediate between the *Candelabrum* and *Emperor Larkspurs*, both of which have become such general favorites. In habit, the plants are similar to the last named, forming compact reversed pyramidal specimens, which attain the convenient height of 9 to 10 inches; the foliage is of a lighter shade than that of other races. The *Bismarck Larkspur* constitutes a distinct new section, and is alike constant in habit, and color of flower. Per packet, 25 cents.

Dicentra Chrysantha. This very distinct and interesting *Fumitory*, is of erect, rigid growth, from 2½ to 4 feet in height, with handsome glaucous *Rue*-like foliage, twice or thrice pinnate, above which rises a branching panicle of erect golden yellow flowers, each nearly an inch in length. It is sufficiently hardy for open ground in summer, but requires a slight protection in winter. Per packet, 50 cents.

Galactites Tomentosa. Among the plants remarkable for their ornamental foliage, the *Galactites Tomentosa* deserves honorable mention. It is indigenous to the shores of the Mediterranean, growing from two to three feet high, of erect branching habit, with spiny divided foliage, prettily blotched with white, nearly smooth above, but very cottony and white on the under surface. The stems and branches are terminated by solitary flower heads of a pale purplish color. If sown as early as February, the plant blooms the first season; but stronger specimens are obtained by sowing in autumn. Per packet, 50 cents.

Loasa Hispida. A highly interesting erect-growing species, attaining three feet in height, and furnished with dark green pinnate leaves four to six inches long. The flower-stalks, which are as much as two feet in length, produce a number of yellow and white blossoms. Among the few species of *Loasa* at present existing, the *L. hispida*, will certainly excite great interest. It is well adapted for pot culture. Per packet, 50 cents.

Lychnis Haageana Nana Hybrida. These new dwarf *Lychnis* reach a height of eight inches only, they are of an erect, stout, and very compact habit, and quite as profuse bloomers as the taller varieties. Owing to the medium and uniform height of the plants, the flowers, with which they are laden, are produced in such close proximity to each other as to show off their rich fiery color to particular advantage. Where showy beds or riband borders are required, this very distinct novelty will be of great use, and be found unusually effective. Per packet, 50 cents.

Mentzelia Ornata. This very fine novelty may be popularly described as a robust *Bartonia*-like plant two to four feet high, with sinuate-pinnatifid foliage, rough, like the whole plant, with short barbed hairs, each branch bearing several white flowers four to five inches in diameter, with ten spreading acute petals, and a large central tuft of stamens from 200 to 300 in number. It is probably a biennial plant, and expands its splendid sweet-scented flowers towards the close of the day. Per packet, 50 cents.

Myosotis Alpestris Nana Cærulea. This charming dwarf blue *Alpine Forget-me-not* attains a height of not more than four inches, and is of very compact habit. It flowers quite as freely as the older kinds, and is perfectly constant in color. For bedding purposes or marginal lines, as well as for forcing in pots, this new dwarf variety will be found to be remarkably well adapted. Per packet, 50 cents.

Myosotis Alpestris Nana Alba. A white variety of the preceding, resembling it in all respects, except in the color of the flower, which is a pure white, making it a beautiful contrast to the blue variety. Per packet, 50 cents.

Pansy, White Treasure. This valuable new variety, which we now offer for the first time, is a real acquisition. It is a distinct pure white, with a very slightly marked yellow eye, and is in every way superior to the common white *Pansy*, the flowers having a transparent tinge, which makes it a bright contrast to the dull opaque of the old variety. It is a vigorous grower, and blooms in profusion during the entire summer and fall months. It can be relied upon to come true from seed. Per packet, 50 cents.

Phlox Drummondii Bedmani. A very charming and beautiful new variety of this splendid annual, having flowers of a delicate salmon tint. The flowers are large and distinct, and the plant is of a dwarf and compact habit. Per packet, 25 cents.

Phlox Drummondii Grandiflora Splendens. A new variety from Europe, which promises, from the description we have received, to be a very welcome addition. The flowers are large bright scarlet, with a conspicuous white eye, the centre of which is encircled with a well defined violet edge. Per packet, 50 cents.

Portulaca Bedmani. A beautiful novelty in this popular and well-known annual. The flowers are large, pure white, with a reddish purple eye. The foot stalk and branches are dark red, and in striking contrast to the bright green foliage, and pure white flowers. Per packet, 25 cents.

Portulaca, New Pink. This is a great improvement on the common single *Portulaca*. The flowers and foliage being much larger, and the plant of more vigorous growth. The individual flowers are nearly twice the size of the old variety, of a delicate pink shade, and very pretty. Per packet, 25 cents.

Portulaca, Golden Striped. A very distinct and striking new variety. The flowers are a light straw color, with golden or orange stripes. This and the two preceding varieties are decided acquisitions to this popular class of annuals. Per packet, 25 cents.
(The three varieties for 50 cents.)

Scabiosa Candidissima Plena.—A variety of the well-known *Scabiosa Candidissima*, with flowers about as double as those of the Dwarf Double Scabious. Being a profuse bloomer, it will become popular for bouquets. As the seed offered has been saved from the best double flowers only, a very satisfactory result may be expected. Per packet, 25 cents.

Viscaria Elegans Picta Striata. A variety of the pretty *Viscaria Elegans Picta*, introduced a year or two ago. The flowers of this variety are rendered much more conspicuous, owing to the petals being striped with red. Per packet, 25 cents.

Choice Flower Seeds,

AND OTHERS OF RECENT INTRODUCTION.

Antirrhinum, Turner's extra choice mixed. Saved from the finest and most beautifully flaked, mottled, and striped varieties in cultivation. Per packet, 25 cents.

Aster, Washington. There is no exaggeration in pronouncing this new race to be one of the finest extant. It originates from the Victoria Aster, and is of similar, though far more robust habit. The flowers, but particularly the centre one, are of larger dimensions than those of the parent, and have the additional superiority of being of a more globular form. The Washington Aster is unquestionably an immense improvement in habit, size, and perfection of the flowers, and cannot fail to occupy the foremost rank among the finest existing varieties. *Mixed colors.* Per packet, 25 cents.

Aster, Goliath. The flowers of this class are of enormous dimensions, and of the most perfect form. Unlike the Giant Emperor, which produces but few flowers, it blooms profusely; the plant is of strong robust habit. Five beautiful colors mixed. Per packet, 25 cents.

Amaranthus Thorleyi. This variety is one of the most valuable Amaranths yet introduced. It is a cross between the Fountain Plant (*A. salicifolius*), and the well-known Joseph's Coat (*A. tricolor*), possessing the graceful fountain-like appearance of the former, with the vivid coloring of the latter. Per packet, 25 cents.

Aquilegia Chrysantha. (*The Golden Spurred Columbine.*) This beautiful Columbine was discovered many years ago, in the southern part of the Rocky Mountains, but has only recently come into notice. It is a strong growing species, forming a bushy plant about four feet in height, and bearing an abundance of flowers, of a bright yellow color, which are freely produced all summer. It is a perennial easily raised from seed, and perfectly hardy. Per packet, 25 cents.

Carnation, extra choice Bizarre and Flake. These are saved from the finest stage varieties, and will produce a fine assortment of superbly colored varieties, including flakes, bizarres, and selfs. The Carnation is an indispensable plant in all gardens, for its varied and richly colored flowers, and delicious aromatic perfume. Per packet, 50 cents.

Carnation, Perpetual or Tree. From the best collection extant, and may be expected to produce beautiful new varieties, of various colors, and of the highest merit. The beauty of these plants for winter decoration cannot be overrated. Per packet, 50 cts.

Carnation, Monthly, fine double German, mixed. From named flowers. This strain will produce many beautiful varieties. Per Packet, 25 cents.

Calceolaria. Superb plants of highly ornamental character, and universal favorites for the decoration of the greenhouse or conservatory. Our seed is saved from the choicest kinds only. Per packet, 50 cents.

Cineraria. Well-known favorite greenhouse and conservatory plants. Our seed is saved from the finest varieties only. Per packet, 50 cents.

Centaurea Candidissima (Ragusina). This invaluable decorative foliaged plant is now too well-known and appreciated to require description. Per packet, 25 cents.

Centaurea Gymnocarpa. An exceedingly beautiful variety, with elegant and finely divided silvery foliage. Per packet, 25 cents.

Celosia Japonica (New Japanese Cockscomb). A new variety of great beauty from Japan. The branches, from the root to the smallest leaf-vein, are scarlet or crimson; the combs are almost as delicately cut as ruffled lace, often in pyramidal masses, while the colors are of the brightest description imaginable. Per packet, 25 cents.

Coleus. The utility of the Coleus is well-known for ornamental purposes, whether for bedding or other decorations, where colored-leaved plants are desired. They are grown so easily, and make such fine specimens in so short a time, that their merit can be scarcely over-estimated. Finest mixed. Per packet, 50 cents.

Cyclamen Persicum. (*Extra choice mixed.*) This has been saved from one of the finest prize collections in Europe, and is of a very different description to the Cyclamen seed ordinarily sold. It may be expected to produce the largest feathered and all the best varieties peculiar to this family; the colors of the flowers embracing pink, carmine, blush, rose and purple, together with the mottled and striped flowers so rarely met with. Per packet, 10 cents.

Delphinium Imperiale, Fl. Pl. (*Emperor Larkspur.*) For profuseness of blooming the Imperial Larkspur is unequalled, a single plant being rarely seen with less than 100 close, erect spikes of flowers upon it. It is of a symmetrical bushy habit. Per packet, 15 cents.

Fuchsia, Double Varieties, extra choice mixed. Per packet, 50 cents.

— **Single Varieties, extra choice mixed.** Per packet, 50 cents.

Glaucium Corniculatum. A fine ornamental plant, with long velvety leaves, gracefully recurved, of a silvery white color, deeply cut to the rib, forming two rows of leaflets, each of which is again deeply cut and curled. The flowers are orange-yellow, bell-shaped and drooping. It is of vigorous growth, and with its bright silvery hue, makes a fine contrast with other colored foliaged plants. Per packet, 25 cents.

Geranium Zonale, finest mixed. Our seed of this popular bedding plant has been saved from our own named collection of upwards of fifty varieties, comprising all the known shades of color. Per packet, 25 cents.

Geranium (Pelargonium.) Large-flowered, extra choice hybridized. Saved from the best named flowers of all the most eminent raisers. Per packet, 50 cents.

Geranium (Pelargonium.) Fancy, extra choice hybridised. Saved from the best varieties. Per packet, 50 cents.

Geranium, Double-flowering. Seed saved from the new flowering double varieties, very beautiful for pots or beds, lasting long in bloom. Per packet, 50 cents.

Geranium, Variegated-leaved. Comprising many beautiful varieties of the golden, bronze—zoned and tricolor—leaved kinds. Per packet, 25 cents.

Hollyhock. Extra choice double, finest mixed. The seed we offer of this noble flower has been saved from named varieties of every known shade of color, and can be confidently recommended. Seed sown in June or July, will produce plants for blooming next summer. Per packet, 25 cents.

Myosotis Semperflorens. A charming dwarf Forget-me-not, under eight inches in height, of free growth and indifferent as to soil or situation, thriving well either in a sunny or shady aspect. From early spring until the autumn it produces a redundancy of bloom, making it valuable both for beds and bouquets. Per packet, 25 cents.

Myrsiphyllum Asparagoides (Smilax.) A charming greenhouse evergreen climber. The foliage is of a fresh, lively, shining green; flowers small and white, appearing two or three together, and are followed by a globular berry. The plant is grown in ordinary greenhouse culture, and is trained upon strings; its delicacy and beauty especially adapt it for use in floral decorations. Per packet, 25 cents.

Myosotis Dissitiflora. One of the best of all the Forget-me-nots. It is of a remarkably compact habit, and a profuse bloomer, having the appearance, when in full bloom, of a sheet of the most exquisite blue. An exceedingly attractive and beautiful spring bedding plant. Per packet, 25 cents.

Pansy, English. Very fine mixed. Per packet, 25 cents.

Pansy, English. Extra choice mixed. From a superb collection. Per packet, 50 cents.

Pansy, Emperor William. A very valuable addition to the large flowering Pansies, distinguished for its brilliant color of splendid ultramarine blue, with well defined eye of purple violet, and the great consistency of its large blooms, borne well above the foliage. It may be relied upon to come true from seed. Per packet, 50 cents.

Petunia Hybrida. Saved from the finest striped and blotched varieties. Very fine mixed. Per packet, 25 cents.

Petunia Hybrida, Flore Pleno. Double flowering kinds, very carefully fertilized, producing sixty per cent. of double flowers. Finest varieties mixed. Per packet, 50 cents.

Phlox Drummondii Heynholdii Cardinalis. This superb novelty is a very valuable, and in every respect a fine improvement on the parent sort. The copper rose tinge, as well as the paleness of the under sides of the petals—which, in the case of *Heynholdii*, somewhat lessen the brilliancy of the effect—have given place in the much larger flowers of this splendid variety to a pure intense fiery color. The plants in addition are more robust in growth, the foliage larger, and of a fresher and darker green. Per packet, 25 cents.

Picotée Pink, extra choice mixed. Saved from one of the finest strains in cultivation, embracing the beautiful varieties with pure white grounds, elegantly margined or fringed with crimson, scarlet or carmine, and the yellow grounds, finely striped and fringed with lilac, rose and scarlet. Per packet, 50 cents.

Portulaca Grandiflora Fl. Pleno, extra choice mixed. Very beautiful double-flowering varieties, of dwarf, compact habit, producing large brilliant-colored flowers, including golden yellow, purple, scarlet, and white varieties. Per packet, 25 cents.

Primula Sinensis Fimbriata Alba, } **Extra choice.** Our seed of these well-known
 ———— **Rubra,** } and greatly admired green-house plants is saved
 ———— **Mixed,** } from one of the best English collections, and is
 much superior to the ordinary run of Primulas. Per packet, 50 cents each.

Primula Japonica (New Japanese Primrose). This lovely Primrose is one of the finest novelties of modern times. It is a hardy herbaceous plant, and by far the most vigorous and robust kind in its family yet introduced to our gardens, growing about 1½ feet in height, and producing from its tuft of robust leaves a stem bearing four or five separate tiers or whorls of charming flowers, each flower an inch in diameter. Per packet, 25 cents.

Salvia Splendens (Scarlet Sage). This fine plant is too well-known to need any description. Per packet, 25 cents.

Salvia Splendens Alba. This very distinct and striking novelty is a white variety of the popular Scarlet Sage, identical in every respect, except in color, which is of the purest white. Per packet, 50 cents.

Silene Pendula Compacta. This, as its name implies, is a compact-growing form of the well-known *Silene Pendula*; the flowers are of the same size and color as those of the type, but the plant is so dwarf and compact that it forms dense cushions two or three inches in height, and from nine to twelve inches in diameter, and during the season is perfectly solid with bloom; unquestionably a most valuable acquisition for spring gardening, as it reproduces itself true from seed, and may be used for small beds and marginal lines with the best possible effect. Per packet, 25 cents.

Stocks, German. All the finest varieties. (See page 43.)

Smilax. (See *Myrsiphyllum Asparagoides*.)

Sweet William, Auricula-eyed. A greatly improved variety, with very rich, beautifully colored, and smooth-edged flowers, produced in immense trusses. Per packet, 10 cents.

Tasconia Van Volxemi. This beautiful climber was found in New Granada. It is a plant that flowers most abundantly, and for almost the whole year; the flowers individually are about five inches in diameter, and of the richest scarlet. Per packet, 25 cts.

Verbena, extra choice mixed. Saved from our own splendid collection of the best named varieties. Great care has been taken that this seed should be saved from such as are really good bedding kinds, and of attractive colors. Per packet, 25 cents.

LIBERAL INDUCEMENTS TO CLUBS.

We offer the following inducements to parties forming clubs, or to those who wish to purchase packets in quantity. These rates apply ONLY to Flower and Vegetable Seeds BY THE PACKET, not when ordered by the ounce or pound. Seeds ordered in this way will be forwarded by mail, prepaid, to any address in the United States or Canada.

Purchasers remitting	\$1 00	may select seeds in packets, to value of.....	\$1 15
"	"	2 00	" " " " 2 30
"	"	3 00	" " " " 3 50
"	"	4 00	" " " " 4 75
"	"	5 00	" " " " 5 00
"	"	10 00	" " " " 13 00
"	"	20 00	" " " " 26 00
"	"	30 00	" " " " 40 00

Descriptive List of Flower Seeds.

ALL FLOWER SEEDS FORWARDED FREE BY MAIL.

TIME OF SOWING, etc.

HARDY ANNUALS may be sown in the open border from April to June. Before sowing, which should be done on a fine, dry day, carefully prepare the soil, and, in covering, regulate the thickness by the size of the seeds. Small seeds should be very lightly covered. Success in growing annuals depends in a great measure upon their being properly thinned to regular distances, so as to give plenty of room for the full development of each plant. This, in too many instances, is entirely neglected; hence the dissatisfaction so often expressed as to their use.

HALF-HARDY AND TENDER ANNUALS may be sown in March and April in shallow boxes, and placed on a slight hot-bed, and, when strong enough, pricked out into a cool frame near the glass, where they may get hardened and well established for transplanting into their blooming quarters in May, or potted off singly for green-house or conservatory decoration. Under ordinary circumstances, most of the varieties will bloom freely if sown in the open ground about the middle of May.

BIENNIALS AND PERENNIALS.—The more select and tender varieties for summer and autumn blooming may be sown in a gentle heat in March and April, and treated in the manner recommended for half-hardy annuals. The hardy kinds may be sown in the open border from April to August, in prepared beds, and when strong enough potted off singly, or transplanted to the open ground, where they are intended to bloom the following year. During the winter, protect the plants with a light covering of leaves or coarse manure.

The following points should be observed in sowing seeds of all kinds:—"Sowing should never be done upon soil in a very wet condition; if it is necessary, for any special reason, to sow when the soil is very wet, a half an inch depth should be scraped off and replaced with dry soil. As a general rule, the surface should be rather dry than wet. Seeds should never be sown too deep—this is a fertile cause of failure with inexperienced gardeners. A depth of about twice the average diameter of the seeds themselves is a good general principle to follow in this respect; this will bring the majority of seeds but just under the surface, and some of the very finest will not be actually covered at all, but just sprinkled over the surface, and a little pressure applied. This is quite sufficient. As a rule, the more thinly the seeds are strewn the better. If seeds are sown in dry weather, water must be given from a fine rose water-pot, and, unless rain comes *must be followed up regularly* every day or two, as it is certain to be fatal to seeds just sprouted, if absolute drought should overtake them. It is obvious that moist and rainy weather is the best for seed sowing. If the water-pot is used it must be done with judgement—an excess of moisture is as harmful as too little, and will produce decay. The seedsman repeatedly gets the blame for the non-growth of seeds, when the failure is entirely attributable to neglect of the above precautions. Watering in summer should be performed in the evening; but when slight frosts are feared, earlier in the day, so that it may be fairly drained away before night.

ABOBRA.

PER PKT.

Abobra Viridiflora. A very elegant and beautiful climbing gourd with small finely divided foliage and oval shaped, vivid scarlet fruits. *Half-hardy perennial*.... 10

ABRONIA.

Extremely pretty creeping plants, with verbenalike heads of sweet scented flowers, very effective in beds, rock-work, or hanging baskets; succeed in any light, rich soil. *Half-hardy annuals.*

Abronia Arenaria. Pure waxy yellow, deliciously scented, $\frac{1}{2}$ ft. 10
— **Umbellata.** Rosy lilac, $\frac{1}{2}$ ft. 10

ABUTILON.

Greenhouse Shrubs, remarkable for their fine foliage and variously colored flowers, blooming in abundance, during the winter and spring months; many of the varieties will succeed well if plunged in the flower border during Summer.

Abutilon. Fine mixed varieties, 2 to 6 ft. 25

ACACIA.

These very graceful and highly ornamental plants, after rendering the greenhouse and conservatory beautiful in Spring with their charming blossoms, may be usefully employed in decorating the out-of-door garden, where their fine foliage and habits could not fail to attract notice. They may be placed about lawn and shrubbery borders, plunging the pots to keep the soil moist, and regularly watered. Previous to sowing, soak the seeds in warm water several hours.

Greenhouse Shrubs.

Acacia. Fine mixed varieties. 25

ACROCLINIUM.

PER PKT.

One of the best of the everlasting flowers, very extensively used for winter bouquets, for which purpose the flowers should be cut before they are fully expanded. *Half-hardy annuals.*

Acroclinium Album. Pure white, 1 ft.....	10
— Roseum. Bright rose, 1 ft.....	10

ADONIS.

Showy hardy annuals, lasting a long time in bloom.

Adonis Æstivalis. Scarlet, 1 ft.....	5
— Autumnalis. Crimson, 1 ft.....	5

ADLUMIA.

A beautiful climbing plant of graceful habit. *Hardy annual.*

Adlumia Cirrhosa, (<i>Mountain Fringe.</i>) White, 15 in.....	10
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ACERATUM.

Very valuable and showy plants for large clumps, blooming throughout the summer, and if lifted and potted in the fall, and placed in the parlor or greenhouse, will keep up a succession of beautiful flowers all winter. *Half-hardy annuals.*

Aceratum Mexicanum. Lavender blue, 1 ft.....	5
— Nanum. Blue, pretty dwarf variety.....	5
— Album. White, 15 in.....	10
— Nanum. Dwarf, white, 8 in.....	10

ACROSTEMMA.

Attractive, free-flowering, hardy herbaceous plants, growing freely in any common garden soil.

Agrostemma Coronaria. (<i>Rose Champion.</i>) Rose, 2 ft.....	5
— Cæli Alba. Pure white, 1 ft.....	5
— Rosea. Rose, very pretty, 1 ft.....	5

ALONSOA.

Very free-blooming bedding plant, flowering all summer. *Half-hardy annuals.*

Alonsoa Grandiflora. Bright scarlet, 1½.....	10
— Warscewiczii. Crimson, 1½.....	10

ALYSSUM.

Very pretty little plants for edging or rock-work, blooming all summer; they also succeed in the green-house, for winter and early spring flowers, and are much used for bouquets, on account of their delicate honey-like fragrance.

Alyssum Sweet. White, very sweet. <i>Hardy annual.</i>	5
— Saxatile Compacta. Extremely showy, yellow. <i>Hardy perennial.</i>	10
— Wiersbeckii. White and yellow. <i>Hardy perennial.</i>	10

AMARANTHUS.

A very ornamental and much admired class of plants. If sown in the frame or green-house, and planted out in June, they will form very attractive objects. *Half-hardy annuals.*

Amaranthus Atropurpureus. Bright blood-red drooping flower spikes, 6 ft....	10
— Bicolor Ruber. A beautiful variety; foliage green and dark red, tipped with yellow, 3 to 4 ft.....	10
— Hypochondriachus (<i>Prince's Feather</i>). Crimson, 3 ft.....	5
— Thorleyii. (See novelties.).....	25
— Tricolor, (<i>Joseph's Coat</i>). Leaves red, yellow and green; very handsome....	5
— Melancholicus Ruber. Foliage blood-red; well adapted for ribbon belts or groups, 1½ ft.....	10
— Salicifolius. (<i>Fountain Plant</i>). This beautiful variety attains a height of from four to six feet, and is of a compactly-branched and pyramidal growth. The leaves are willow-shaped, elongated, linear, and wavy, from 7 to 15 inches in length, which by their drooping outline present a very elegant and effective appearance. In the later stages of growth, the leaves are brilliantly banded and tipped with orange, carmine, and bronze.....	15

AMMOBIUM.

A very useful everlasting, for making dried winter bouquets, forming also a showy plant for the garden. *Hardy annual.*

Ammobium Alatum. White, 2 ft.....	5
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ANACALLIS.

Very pretty small plants, exceedingly valuable for beds, vases, or rock-work. *Half-hardy annuals.*

Anagallis Grandiflora Cœrulea. Large, sky-blue, ½ ft.....	10
— Sanguinea. Bright ruby, beautiful, ½ ft.....	10

Ageratum Mexicanum.
Page 10.

Adonis autumnalis.
Page 10.

Abronia umbellata.
Page 9.

Agrostemma coronaria.
Page 10.

Sweet Alyssum.
Page 10.

Asperula azurea setosa.
Page 13.

Amaranthus salicifolius.
Page 10.

Antirrhinum.
Page 13.

Aquilegia.
Page 13.

Dwarf Chrysanthemum-flowered Aster.
Page 13.

Pæony-flowered Perfection Aster.
Page 13.

Victoria Aster.
Page 14.

ANEMONE.

PER PKT.

Beautiful hardy perennial; succeeds well in any light soil. Soak the seeds in moist earth until they begin to sprout, and then sow in a shady place.

Anemone Coronaria. Mixed colors, 1 ft. 10

ANTIRRHINUM MAJUS (Snap Dragon.)

One of the most useful summer and autumn flowering perennials, vying with the Carnation in the variety of their stripes and spots.

Antirrhinum Majus Tom Thumb. Dwarf, very handsome, 1 ft. 5

— **Striatum.** New striped, 1 ft. 5

— **Extra Fine Mixed.** From named varieties. 10

ANGELONIA.

Angelonia Grandiflora. A beautiful ornamental plant, forming elegant bushes about eighteen inches in height, densely branched, terminated by long spikes of thickly-set, handsome, cup-shaped flowers, very fragrant, of a bright violet color, spotted white. Although a perennial, it flowers the first season sown, and blooms uninterruptedly through the summer months. It is an excellent pot plant, and will flower in the green-house in winter. 25

AQUILEGIA (Columbine.)

An extremely showy genus of early summer blooming plants; their flowers being both in form and color strikingly beautiful. *Hardy perennials.*

Aquilegia Alba Flore-Pleno. Pure white double, 1½ ft. 10

— **Durandi.** Double red and white, striped, fine, 1½ ft. 10

— **Glandulosa.** Blue and white; large and splendid. 10

— **Skinneri.** Scarlet and yellow; very beautiful, 1½ ft. 10

— **Choice Mixed Double.** All colors. 10

— **Mixed Single.** All colors. 5

ARABIS.

A small early spring flowering plant, with pure white flowers: contrasting beautifully with the yellow Alyssum. *Hardy perennial.*

Arabis Alpina. White, ¾ ft. 10

ARISTOLOCHIA.

A highly ornamental climbing plant with very curiously shaped flowers. *Hardy perennial.*

Aristolochia Sipho (Dutchman's Pipe.) 30 ft. 15

ASPERULA.

A most profuse blooming hardy annual of dense habit, attaining an average growth of one foot. The flowers, which are a beautiful light blue, are very sweet scented, and last a long while in perfection.

Asperula Azurea Setosa. Blue, 1 ft. 10

ASTER.

This splendid class of annuals is one of the most popular and effective of our garden favorites, producing in profusion flowers of the most perfect and beautiful form, as well as richness and variety of color. They delight in a rich, light soil, and in hot, dry weather should be mulched well with rotted manure, and supplied liberally with water. *Half-hardy annuals.*

Aster, China. Fine mixed. 5

— **Reid's German Quilled.** Flowers very double, of oval form, the petals have the appearance of quills or tubes, habit branching, with a profusion of blossoms, height from 1½ to 2 ft., finest mixed colors. 10

— **Truffaut's Pæony-Flowered.** Very double, of fine form, round in shape, resembling a ball; produces few side flowers, 1½ ft. in height, many colors mixed. 10

— **Pæony-Flowered Perfection.** Flowers large and double, the petals beautifully incurved, one of the best in every respect; twenty beautiful colors mixed. 25

— **Pæony-Flowered Globe.** The earliest flowering variety, of branching habit; flowers very double, fine mixed colors. 10

— **Dwarf Chrysanthemum-Flowered.** A splendid variety of dwarf compact habit, nine inches in height, flowers large and well reflexed, and produced when other varieties are out of bloom. 15

— **Dwarf Pyramidal Bouquet.** Height from 12 to 15 inches, a very free blooming variety, the flowers forming, when well grown, a complete bouquet, mixed colors. 10

— **Crown, or Cocardeau.** A very handsome variety, with large flowers, the centres of which are pure white, surrounded with many bright colors. 10

ASTER.—*Continued.*

PER PKT.

- Aster, Giant Emperor.** A tall and strong growing variety, producing few flowers, but of immense size and very double, $1\frac{1}{2}$ to 2 ft. in height..... 25
- **Hedgehog, or Porcupine.** The flowers of this variety are composed of long-quilled, curious-looking petals; height about 2 ft., mixed colors.... 16
- **Rose-Flowered.** A new and splendid variety of beautiful pyramidal habit; the flowers are large and double, the outer petals finely imbricated, $2\frac{1}{2}$ ft. in height, extra choice mixed..... 25
- **Victoria.** The finest Aster in cultivation, flowers very large, perfectly double, imbricated and globular, plant very robust, of pyramidal form, 20 inches in height, forming a handsomely-branched, compact bush, choice mixed colors..... 25
- **Victoria Dwarf, Snow-White.** A most beautiful variety of the preceding; flowers pure snowy white, very double, and of globular shape, forming a compact bush, 10 inches in height..... 25
- **Original Chinese.** Plants tall, with wide-spreading branches, presenting a very curious aspect; flowers of large size, from 2 to 3 inches in diameter. 10

AUBRIETIA.

Exceedingly pretty spring flowering plants, adapted for edgings or rock-work, flowering in great profusion. *Hardy perennials.*

- Aubrietia Græca.** Purple, $\frac{1}{2}$ ft..... 10
- **Purpurea.** Lilac, $\frac{1}{2}$ ft..... 10

AURICULA.

From a splendid collection, comprising all the newest and best-colored varieties. *Half-hardy perennial.*

- Auricula.** Finest mixed, $\frac{1}{2}$ ft..... 25

AZALEA.

Most beautiful shrubby green-house plants; should be grown in a mixture of leaf-mould, sandy loam, and peat.

- Azalea Indica.** Finest mixed, from a choice collection..... 25

BALSAM.

Indispensable for conservatory or out-door decorations; particularly valuable for beds or masses, their flowers being produced in the greatest profusion, and of the most brilliant colors. *Tender annuals.*

- Balsam, Double Camellia-Flowered.** Finest mixed, 2 ft..... 10
- **Rose-Flowered.** Improved, finest mixed..... 10
- **White.** Pure white, 2 ft..... 10
- **Solferino.** A most beautiful variety, striped and streaked with lilac and scarlet, on a satin white ground..... 25

BALLOON VINE (Cardiospermum.)

Ornamental climbing plant, useful alike for green-house or out-door decoration. *Half-hardy annual.*

- Cardiospermum Halicacabum.** White, 5 ft..... 10

BARTONIA.

- Bartonia Aurea.** Very showy, golden yellow, hardy annual, 2 ft..... 5

BEGONIA.

Beautiful green-house plants, remarkable for the varied and magnificent foliage of many of the varieties; they are also admirably adapted for ferneries, hanging-baskets, etc.

- Begonia Pearcei.** This possesses the quality so seldom found in the same plant, of having both beautifully colored leaves and large showy flowers, and is a most desirable acquisition to this popular class of plants. Yellow..... 25
- **Sedeni Victoria.** A splendid hybrid variety having bright carmine-scarlet flowers..... 50
- **Veitchi.** A superb novelty, with thick fleshy leaves and large orange-scarlet flowers. This species is hardy in sheltered and dry situations, and will form a most novel and lovely addition to rock-work plants..... 50
- **Hybrida.** Choice mixed, from the finest variegated varieties..... 25

BELLIS (Double Daisy.)

A well-known favorite, admirable for making edgings or for pot culture. *Half-hardy perennial.*

- Bellis Perennis.** Finest mixed, $\frac{1}{2}$ ft..... 25

BRACHYCOME.

Pretty, dwarf growing, free flowering plants, covered all summer with a profusion of Cineraria-like flowers, succeeding in any light rich soil. *Half-hardy annuals.*

- Brachycome Iberidifolia (Swan River Daisy).** Blue, $\frac{1}{2}$ ft..... 10
- **Alba.** White, $\frac{1}{2}$ ft..... 10
- **Finest Mixed**..... 10

BROWALLIA.

PER PKT.

Very handsome, profuse blooming plants, growing freely in any rich soil. *Half-hardy annuals.*

Browallia Elata Cœrulea. Blue, 1½ ft.....	5
— — Alba. White, 1½ ft.....	5

BRYONOPSIS.

An elegant climber, with ivy-like pale-green foliage, and exquisitely marked green fruit, changing to bright scarlet, with white stripes. *Half-hardy annual.*

Bryonopsis Laciniosa Erythrocarpa. 10 ft.....	10
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CACALIA (Tassel Flower.)

Free growing, profuse flowering, hardy annuals, with clusters of pretty tassel-shaped flowers.

Cacalia Aurea. Golden yellow, 1½ ft.....	5
— Coccinea. Orange scarlet, 1½ ft.....	5
— Mixed. 1½.....	5

CALANDRINIA.

Very beautiful creeping plants, admirably adapted for planting in rock-work, or any hot situation, where they will produce flowers in profusion. *Hardy annuals.*

Calandrinia Grandiflora. Rosy pink, 1 ft.....	5
— Umbellata. Rich violet crimson, exceedingly beautiful, ½ ft.....	5

CALCEOLARIA.

Plants invaluable for green-house decoration, forming in spring dense masses of their beautiful pocket-like flowers. Sow in August and September; if large plants are required early, the former month is the best. The seed germinates best without heat, and should be sown in pans or pots, following the directions here given as near as possible: The pots to be half filled with drainage, over which the rough siftings of the mould, filling up the pot with very fine soil, half of which should be composed of sand. When thus prepared, water through a fine rose, and carefully sow the seed, and do not cover it. Place the pots in a close frame, or under a hand glass, in a shaded part of the garden, taking care to protect from exposure to the sun. When the seedlings are strong enough, prick them off into pans prepared as before, and placed in a similar position. From the store pots pot off singly, placing them on shelves near the glass.

Calceolaria Hybrida Superba. Saved from the finest formed and most beautifully marked varieties.....	50
— New Dwarf. A beautiful dwarf variety; can be grown without stakes, and is literally loaded with flowers.....	50
— Shrubby. Splendid varieties for bedding, finest mixed.....	50

CALLIOPSIS or COREOPSIS.

This genus is one of the most striking of all annuals, the tall varieties being very effective in mixed borders, while the dwarf, from their compact habit, are well adapted for beds, the colors of all being so striking and beautiful as seldom to be passed without remark. *Hardy annuals.*

Calliopsis Bicolor Tinctoria. Yellow and brown, 3 ft.....	5
— Atrosanguinea. Rich blood-red, 2 ft.....	5
— Coronata. Rich yellow disc, encircled with crimson spots, 1½ ft.....	5
— Drummondii. Yellow, with crimson centre, 1½ ft.....	5
— Marmorata. Crimson, brown and yellow, 2 ft.....	5
— Nigra Speciosa. Rich velvety crimson, 2 ft.....	5
— Finest Mixed varieties.....	5

CALENDULA (Cape Marigold.)

Showy, free-flowering hardy annuals, growing freely in almost any soil.

Calendula Pluvialis. Large pure white.....	5
— Pongeei Fl. Pleno. Double white.....	10

CALAMPELIS (Eccremocarpus.)

A handsome, rapid growing climber, with very pretty foliage, producing in great abundance clusters of beautiful tube-shaped flowers. *Tender annual.*

Calampelis Scaber. Orange, 10 ft.....	10
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CALLIRHOE.

PER PKT.

Beautiful free-flowering plants, commencing to bloom when small, and continuing throughout the summer and fall; excellent for beds or masses. *Hardy annual.*

Callirhoe Pedata. Purple crimson, with white eye, 2 ft.....	10
— Involucrata. Beautiful hardy perennial, 1 ft.....	10

CANDYTUFT (Iberis.)

Very beautiful hardy annuals, too well known to require any description.

Candytuft, Crimson. 1 ft.....	5
— Lilac. 1 ft.....	5
— Purple. 1 ft.....	5
— White Rocket, 1 ft.....	5
— White Sweet-scented. 1 ft.....	5
— Fine Mixed.	5
— Perennial. (Iberis sempervirens.) 1 ft.....	10

CAMPANULA.

This is one of the most useful, well-known, and beautiful tribe of perennials. Many of the varieties, if sown early in the spring, will bloom the first year, as *C. carpatica* and *alba*, valuable for beds and edgings. *C. pyramidalis*, which may be trained to any form of growth, and is, when well grown, in pots, a most beautiful and stately plant. The different varieties are all well worthy of a prominent place in every garden.

Campanula Carpaticea. Mauve. <i>Hardy perennial</i> , 1 ft.....	5
— Carpaticea Alba. Pure white. <i>Hardy perennial</i> , 1 ft.....	5
— Loreii. Purple lilac. <i>Hardy annual</i> , 1 ft.....	5
— Loreii Alba. White, tinged with silver gray. <i>Hardy annual</i> , 1 ft.....	5
— Pyramidalis. Blue. <i>Hardy perennial</i> , 3 ft.....	5
— Pyramidalis Alba. White. <i>Hardy perennial</i> , 3 ft.....	5

CANNA (Indian Shot.)

A magnificent genus of stately plants, remarkable for their large and handsome foliage, invaluable for the adornment of the conservatory, drawing-room, or for groups in the flower-garden, producing a most luxuriant and tropical appearance.

Previous to sowing, soak the seeds in hot water for about 12 hours. Sow from March till the end of April in light soil, and place in a gentle heat: when the young plants have attained their second leaf, pot off singly, and grow on in moderate heat until established, gradually harden, and plant out into rich soil on a warm border. During winter the tubers should be kept in a cool, dry place until spring.

Canna Limbata. Scarlet and yellow, 4 ft.....	10
— Marechal Vaillant. Splendid variety, orange, 4 to 6 ft.....	25
— Musæfolia Hybrida. Red, foliage resembling a small banana, 2 ft.....	10
— Nepalensis. Clear yellow, 3 ft.....	10
— Tricolor. Bright scarlet, striped foliage, 2 ft.....	10
— Warscewiczii. Brilliant red, variegated foliage, 3 ft.....	10
— Zebrina. Scarlet, striped foliage, 4 ft.....	10
— Finest Mixed	5

CANTERBURY BELLS (Campanula Medium.)

Very attractive and well known border plants; succeed in any light rich soil, should be transplanted 2 ft apart. *Hardy biennials.*

Canterbury Bells. Double mixed, 2½ ft.....	5
— Single Mixed. 2½ ft.....	5
— New Large-Flowering, Mixed. (<i>Campanula medium calycanthema.</i>).....	25

CANARY BIRD FLOWER (Tropæolum peregrinum.)

An exceedingly ornamental creeper, with bright yellow fringed flowers, and neat, finely-divided foliage; a general favorite. *Half-hardy annual.*

Canary Bird Flower. Yellow, 10 ft.....	10
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CASTOR OIL BEANS. (See Ricinus.)

Camellia-flowered Balsam.
Page 14.

Bartonia aurea.
Page 14.

Begonia Sedeni.
Page 14.

Canterbury Bells, Single.
Page 16.

Cannæ.
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Calliopsis.
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Celosia pyramidalis.
Page 19.

Cineraria.
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Cilanthus Dampieri.
Page 20.

Cyclamen.
Page 22.

CARNATION.

PER PKT.

The carnation is an indispensable plant in all gardens for its varied and richly colored flowers, and delicious aromatic perfume. It succeeds best in light rich soil. *Half-hardy perennials.*

- Carnation, Extra Choice Bizarre.** Saved from an unequalled collection of named flowers, which will produce a fine assortment of superbly colored varieties, including flakes, bizarres and selfs. 50
- **Perpetual or Tree.** From the best collection extant, and may be expected to produce beautiful new varieties, of various colors, and of the highest merit. 50
- **Monthly, Fine Double German, Mixed.** From named flowers. 25
- **Mixed.** For border culture. 10

CEDRONELLA.

A beautiful plant, with fragrant foliage, and long spikes of purple flowers remaining long in bloom. *Hardy perennial.*

- Cedronella Cana.** Purple, 2 ft. 15

CELOSIA.

The *Celosia pyramidalis* are magnificent plants for green-house or conservatory decoration, producing in the greatest profusion spikes of the most beautiful feathery-looking flowers. They succeed well in the garden, if planted out in June, in a warm, sheltered situation. The Cockscombs are highly ornamental and curious looking flowers; very attractive in pots. *Half-hardy annuals.*

- Celosia Pyramidalis Aurea.** Golden yellow plumes, very fine, 3 ft. 15
- **Coccinea.** Rich carmine, 3 ft. 15
- **Japonica.** (*New Japanese Cockscomb.*) A new variety of great beauty from Japan. 25
- **Cristata Variegata.** (*New Variegated Cockscomb.*) A new and strikingly beautiful variety, bearing brilliant combs of crimson and gold. 15
- **Cristata.** (*Cockscomb.*) Dwarf crimson, fine. 10
- — — Dwarf yellow. 10
- — — Dwarf white. 10

CENTAURIDIUM.

The most striking of all the beautiful *Coreopsis*-like flowers, with rich crimson brown centre and golden yellow border. *Hardy annual.*

- Centauridium Drummondii.** 2 ft. 5

CENTAUREA.

The annual species of *Centaurea* are very showy, free-flowering plants; the perennial species will bloom the second year. *C. Candidissima* and *C. Gymnocarpa* are valuable silver-foliaged bedding plants. *C. Clementei* is a most valuable acquisition as an ornamental foliaged bedding plant. Grow in any good garden soil.

- Centaurea Americana.** Lilac purple. *Hardy annual*, 2 ft. 5
- **Cyanus.** (*Corn flower.*) Mixed. *Hardy annual*, 2 ft. 5
- **Candidissima.** (*Ragusina.*) Silvery-leaved. *Half-hardy perennial*, 1 ft. 25
- **Clementei.** A new, robust and free-growing variety, producing crowns of silvery leaves, deeply fringed and cut in lobes. *Half-hardy perennial*, $\frac{1}{2}$ ft. 25
- **Gymnocarpa.** Silvery-foliaged. *Half-hardy perennial*, $1\frac{1}{2}$ ft. 25

CENTRANTHUS.

Very pretty, free flowering, compact growing plants, succeeding in any garden soil. *Hardy annuals.*

- Centranthus Albus.** White, very pretty, 1 ft. 5
- **Macrosiphon.** Long-tubed, red, 2 ft. 5
- **Mixed Varieties.** 5

CERASTIUM.

Neat, dwarf, silvery-leaved plants, most suitable for edgings and rock-work. *Hardy-perennials.*

- Cerastium Biebersteinii.** Leaves silvery white, $\frac{1}{4}$ ft. 10
- **Tomentosum.** Very pretty, $\frac{1}{4}$ ft. 10

CINERARIA.

PER PKT.

A well-known green-house favorite, having a range and brightness of color scarcely surpassed. It may be had in bloom through the greater portion of the year.
Green-house perennials.

Cineraria. Extra choice mixed colors. From prize varieties.....	50
— New Dwarf. Finest mixed.....	25
— Maritima. An ornamental-foliaged plant, with large silvery leaves.....	10

CHRYSANTHEMUM.

Well-known garden favorites; the annual varieties, when well grown, either in borders or in pots, are amongst the most showy and effective of summer flowering plants. *C. Indicum* and *C. Indicum nanum* are the beautiful varieties so extensively grown for late fall flowering.

Chrysanthemum Burridgeanum. Crimson, white centre. <i>Hardy annual</i> , 1 ft..	5
— Venustum. White, crimson centre. <i>Hardy annual</i> , 1 ft.....	5
— Coronarium. Double white. <i>Hardy annual</i> , 2 ft.....	5
— Double yellow. <i>Hardy annual</i> , 2 ft.....	5
— Mixed Annual Varieties	5
— Indicum. (<i>Large flowering.</i>) Extra fine mixed. <i>Half-hardy perennial</i> , 3 ft..	25
— Nanum. (<i>Dwarf Pompon.</i>) Choice double mixed. <i>Half-hardy perennial</i> , 1 ft.....	25

CLARKIA.

An old and favorite annual, growing and producing freely its cheerful-looking flowers under almost any circumstances. *Hardy annuals.*

Clarkia Rosea fl. pl. Beautiful double variety, 1½ ft.....	5
— Integripetala. Rosy crimson, large and handsome, 1½ ft.....	5
— Pulchella. Deep rose, 1½ ft.....	5
— Alba. Pure white, very pretty, 1½ ft.....	5
— Marginata. Rosy crimson, edged with pure white, 1½ ft.....	5
— Pulcherrima. Rich magenta rose, 1½ ft.....	5
— Finest Mixed Varieties	5

CLEMATIS.

Beautiful hardy climber, unrivalled for covering arbors, fences, verandahs, etc; succeeds in any good garden soil.

Clematis Flammula. White, very fragrant.....	10
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CHAMÆPEUCE.

These elegant Thistles, with variegated downy leaves, and remarkable spines, are very ornamental and useful for out-door decoration.

Chamæpeuce Casabonæ. Glossy dark green leaves, with white nerves and brown spines. <i>Half-hardy perennial</i> , 1 ft.....	10
— Diacantha. Magnificent ornamented foliaged biennial, with long leaves thickly set with spines, symmetrically arranged, 2 ft.....	10

COCCINEA.

Coccinea Indica. An exceedingly handsome climbing gourd, with shining ivy-like foliage and scarlet fruit. *Half-hardy perennial*.....

15

CLIANTHUS.

This splendid plant, which has hitherto been considered so difficult to cultivate, has, upon further acquaintance with its habits, proved to be quite the contrary. Sown in the open air in May, it has thriven and bloomed exceedingly well without any care. It must be sown in a dry, hot, sunny position. It should never be watered.

Clianthus Dampieri. A magnificent cool green-house shrub, flowers in clusters, drooping, pea-shaped, four inches in length, of a brilliant scarlet, with intense black spot in the centre of each flower.....	25
— Punicus. Scarlet, 4 ft.....	25

CLINTONIA.

An exceedingly pretty plant, admirably adapted for rustic baskets, rock-work, or vases. *Half-hardy annual.*

Clintonia Elegans. Light blue, ½ ft.....	5
— Pulchella. Blue, yellow, and white, ½ ft.....	10
— Fine Mixed	10

COBÆA.

A beautiful rapid growing climbing plant, with large, handsome, bell-shaped flowers. Sow early and plant out about June. In sowing, place the seeds edgewise, and cover lightly. *Half-hardy perennial.*

Cobæa Scandens. Purple, 20 ft.....	10
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COCKSCOMB. (*See Celosia Cristata.*)

COLEUS.

PER PKT.

The utility of the Coleus is well known for ornamental purposes, whether for bedding or other decorations, where colored-leaved plants are desired. They are grown so easily, and make such fine specimens in so short a time, that their merit can be scarcely over-estimated.

Coleus, from New Hybrids. These seeds may all be expected to produce very beautiful and distinct new sorts. They have been produced by fertilization, and saved from the handsomest varieties of recent introduction..... 50

COLLINSIA.

An exceedingly pretty and popular genus of free blooming and attractive plants.

Hardy annuals.

Collinsia Bicolor. Purple and white, 1 ft..... 5
— Candidissima. Pure white, 1 ft..... 5
— Grandiflora. Blue, white, and lilac, 1 ft..... 5
— Finest Mixed Varieties...... 5

COLLOMIA.

Collomia Grandiflora. Showy border plant, saffron color. *Hardy annual*..... 5

COMMELINA.

Beautiful free-flowering tuberous-rooted plants, succeeding in any light rich soil.

The roots should be lifted and preserved like Dahlias through the winter.

Half-hardy perennials.

Commelina Cœlestis. Sky blue, 1½ ft..... 5
— Alba. White, 1½ ft..... 5

CONVOLVULUS.

One of the handsomest and most popular annuals in cultivation, growing freely in almost any situation. The climbing varieties, *C. aureus superbus* and *C. major*, or Morning Glory, produce a fine effect when grown on rock-work, stumps of trees, or banks, and when trained over trellises, rustic-work, or rough fences, the beauty and delicacy of their colors are unsurpassed. *C. minor* and its varieties are admirably adapted for beds and mixed borders. *Half-hardy annuals.*

Convolvulus Aureus Superbus. Beautiful golden yellow, 6 ft..... 15
— Major. (*Morning Glory*.) Fine mixed varieties..... 5
— Minor Tricolor. Violet, purple, and white, 1 ft. *Hardy annual*..... 5
— Minor Unicaulis. A new variety of upright growth, compact heads of rich purplish blue flowers. *Hardy annual*..... 10
— Mauritanicus. Beautiful for hanging baskets and vases: flowers blue. *Hardy perennial*..... 10

COSMIDIUM.

A beautiful Coreopsis-like annual, with large and very showy flowers, admirably adapted for groups or marginal lines. *Hardy annual.*

Cosmidium Burridgeanum. Crimson, brown and yellow, 2 ft..... 10

COWSLIP.

A favorite early free-flowering plant, very useful for filling the beds and borders of spring flower gardens. *Hardy perennial.*

Cowslip. Fine mixed English, ¾ ft..... 5

CUCUMIS.

Ornamental Cucumbers with curious fruit, remarkable for the luxuriance and rapidity of their growth. *Half-hardy annuals.*

Cucumis Dipsaceus. Sulphur yellow, very elegant..... 10
— Flexuosus. (*Snake Cucumber*.) Fruit 3 ft. long..... 10
— Grossularia. (*Gooseberry Gourd*)..... 10

CUCURBITA.

The tribe of Cucurbita or Gourds are well-known as producing some of the most curiously shaped of all fruits, and being, like the Cucumis, of extremely rapid growth, are very desirable for covering trellis-work of arbors, etc., the varied and fantastic forms of the fruit adding a peculiar charm to the luxuriance of the foliage.

Cucurbita Leucantha Longissima. Very curious, 5 ft. long..... 10
— Depressa. Dark green fruit..... 10

CYCLANTHERA.

An ornamental climbing plant, with handsome foliage, and pretty oval-shaped fruit, exploding loudly when ripe. *Half-hardy annual.*

Cyclanthera Explodens. Very elegant, 10 ft..... 10

CYPRESS VINE (*Ipomæa Quamoclit.*)

PER PKT.

Most beautiful and popular climbing plants, with very delicate fern-like foliage.
Half-hardy annuals.

Cypress Vine. Scarlet, very brilliant, 15 ft.....	5
— White. A beautiful contrast, 15 ft.....	5
— Rose. Very delicate, 15 ft.....	5

CYCLAMEN.

A charming sweet-scented half-hardy perennial, growing freely in sandy loam.

Cyclamen Persicum. Finest mixed, $\frac{1}{2}$ ft.....	25
— Extra choice, mixed.	50

DAHLIA.

A noble autumn-flowering plant. Our seed has been saved from the finest named sorts. *Half-hardy perennial.*

Dahlia. Fine mixed.....	10
— Extra Fine. From prize flowers.....	25

DELPHINIUM.

The tribe of Delphinium, to which the well-known Larkspur belongs, is one of the handsomest and most useful of all perennials, producing magnificent spikes of bloom in great profusion throughout the summer; if sown early, they will flower the first season. *Hardy perennials.*

Delphinium Bicolor Grandiflorum. Rich azure blue, with white centre.....	10
— Nudicaule. (<i>New Scarlet.</i>) One of the most interesting plants of recent introduction. Its dwarf, compact habit, taken in connection with the novel and striking color of its flowers, render it peculiarly valuable.....	25
— Formosum. Beautiful rich blue and white; flowers the first year, 2 ft.....	5
— Imperiale. (<i>Emperor Larkspur.</i>) For profuseness of blooming the imperial larkspur is unequalled, a single plant being rarely seen with less than 100 close, erect spikes of flowers upon it. It is of symmetrical bushy habit, $1\frac{1}{2}$ ft.....	10
— Consolida Candelabrum. A new and very elegant dwarf variety.....	10
— Finest Mixed. 2 ft.....	5

DIANTHUS.

A magnificent genus, embracing some of the most popular flowers in cultivation.

D. Caryophyllus and its varieties are the much admired Carnations and Picotees. *D. barbatus* is well-known and universally grown Sweet William. *D. chinensis* and varieties are known as Indian Pinks, perhaps one of the most useful class of plants existing. *D. Heddwigii* and *Laciniatus* are splendid new sorts, with flowers averaging three inches in diameter, and of the most brilliant colors. The varieties are all very beautiful, and deserving of a place in every garden.

Dianthus Gardnerianus Various colors. <i>Hardy perennial</i> , $1\frac{1}{2}$ ft.....	10
— Barbatus. (<i>See Sweet William.</i>) Fine mixed, 1 ft.....	10
— Caryophyllus. (<i>See Carnation and Picotee.</i>).....	25
— Plumarius. (<i>Pheasant-eye Pink.</i>) Very fragrant. <i>Hardy perennial</i> , $\frac{1}{2}$ ft.....	10
— Chinensis. (<i>China or Indian Pink.</i>) Finest mixed. <i>Hardy annual</i>	5
— Alba Flore Pleno. Double white. <i>Hardy annual</i> , 1 ft.....	5
— Heddwigii. Very beautiful mixed colors. <i>Hardy annual</i> , 1 ft.....	10
— Heddwigii Flore Pleno. A double variety of the preceding.....	10
— Diadematus Flore Pleno. A splendid and striking variety of luxuriant but dwarf and compact growth. Flowers densely double, comprising all shades of color.....	25
— Imperialis Fl. Pl. Double Imperial Pink, fine mixed. <i>Hardy annual</i>	10
— Laciniatus. A beautiful fringed variety, various colors. <i>Hardy annual</i> , 1 ft.....	10
— Flore Pleno. A double variety of the above. Very Fine.....	15

DIGITALIS (Foxglove.)

Handsome and highly ornamented plants, of stately growth and varied colors.
Hardy perennials.

Digitalis Alba. Pure white, 3 ft.....	5
— Gloxinoides. White, crimson spotted.....	10
— Purpurea. Purple, 3 ft.....	5
— Fine Mixed Varieties.	5

DOLICHOS (Hyacinth Bean.)

Beautiful climbing plants of free growth, flowering in clusters. *Tender annuals.*

Dolichos Lablab. Purple, beautiful in fall.....	5
— Alba. White.....	5

Centaurea Clementei.
Page 19.

Chrysanthemum Indicum.
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Clarkia pulchella.
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Coleus.
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Convolvulus major.
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Dolichos lablab.
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Dianthus Heddwigii.
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Digitalis (Foxglove.)
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Erysimum.
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Gaillardia.
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Gilia.
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Helianthus globosus fistulosus.
Page 27.

DIDISCUS.

PER PKT.

Didiscus Cæruleus. A very pretty little blue border plant. *Half-hardy annual*, 1 ft. 16

EPACRIS.

Beautiful green-house shrubs, flowering profusely during the winter months.

Epacris. Finest hybrid varieties, mixed. 50

ERICA (Cape Heath.)

Well-known, very beautiful, and interesting green-house shrubs, flowering most profusely. Should be grown in sandy peat.

Erica. Choice varieties mixed, 2 ft. 25

ERYTHRINA (Coral Tree.)

A splendid genus of half-hardy shrubs, with beautiful, brilliant scarlet flowers, growing freely out of doors, if planted in a warm situation; thrives best in rich loam and peat.

Erythrina Christa Galli. Scarlet, from Brazil, 5 ft. 25

ERYSIMUM.

Showy, free-flowering, handsome hardy annuals; very effective in beds or mixed borders.

Erysimum Arkansanum. Sulphur yellow, 1½ ft. 5

— **Peroffskianum.** Beautiful shade of orange. 5

ESCHSCHOLTZIA (California Poppy.)

Very profuse-blooming plants, of extremely rich and beautiful colors. *Hardy annuals.*

Eschscholtzia Californica. Bright yellow, with rich orange centre, 1 ft. 5

— **Crocea.** Rich orange, 1 ft. 5

— **Alba.** Creamy white. 5

— **Dentata Sulphurea.** New and curious variety. 5

— **Rosea.** Flowers tinged with bright rose, very pretty. 5

— **Fine Mixed.** All colors. 5

ETERNAL or EVERLASTING FLOWERS.

(See *Helichrysum* and *Xeranthemum*.)

EUPATORIUM.

Eupatorium Fraserii. Very pretty herbaceous plant with bunches of showy white flowers, fine for bouquets. *Hardy perennial*, 1½ ft. 10

EUPHORBIA.

Euphorbia Variegata. A very showy, hardy annual, with beautiful white and green bracts. 5

FENZLIA.

A neat little profuse-flowering plant, of dwarf growth, well adapted for rustic work or vases, rosy lilac, with crimson and orange centre. *Hardy annual.*

Fenzlia Dianthiflora. From California, 1½ ft. 16

FORGET-ME-NOT. (See *Myosotis*.)**FRENCH HONEYSUCKLE.**

French Honeysuckle (*Hedysarum*). A hardy perennial border plant, of easy culture, red and white mixed, 3 ft. 5

FUCHSIA.

Our seed of this well known and popular plant has been saved from a splendid collection, consisting of the finest named varieties. *Half-hardy perennial.*

Fuchsia. Single, extra choice mixed. 50

— Double, extra choice mixed. 50

GERANIUM (Pelargonium.)

Our seed of this popular bedding plant has been saved from our own named collection of upwards of fifty varieties, comprising all the known shades of color. The large flowering and fancy kinds are from a noted English collection, and may be expected to produce varieties of great beauty and interest. *Half-hardy perennials.*

Geranium Zonale. Splendid mixed. 25

— **Gold and Bronze.** New varieties mixed. 50

— **Large Flowered.** From prize varieties. 50

— **Fancy Varieties.** Finest mixed. 50

GAILLARDIA.

PER PKT.

A class of plants remarkable for the profusion and brilliancy of their flowers; very effective and showy. *Half-hardy annuals.*

Gaillardia Coccinea Nana. Dwarf scarlet	10
— Grandiflora Hybrida. Rich crimson and yellow	10
— Picta Nana. Crimson and yellow, 1 ft.	10
— Alba Marginata. White-edged, 1½ ft.	10
— Fine Mixed Colors.	10

GILIA.

Very pretty dwarf plants; will bloom in almost any situation; admirably adapted for massing. *Hardy annuals.*

Gilia Capitata Major. Sky-blue, ¾ ft.	5
— Nivalis. Dwarf, snow-white, ¾ ft.	5
— Tricolor. White, lilac and purple, 1 ft.	5
— All Colors Mixed.	5

GLADIOLUS.

Gladiolus. Saved from fine named hybrids of Gandavensis. <i>Half-hardy bulbs.</i> ..	25
— Small Bulbs	25

GLOXINIA.

A superb genus of stove-house plants, profuse bloomers, of great beauty and diversity of colors. *Stove perennial bulbs.*

Gloxinia. Finest mixed. From a splendid collection of drooping and erect varieties.	50
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GLOBE AMARANTHUS (Comphrena).

Remarkably handsome everlastings. The flowers may be cut in summer, and preserved for winter bouquets. *Half-hardy annuals.*

Globe Amaranthus. White, 2 ft.	5
— — Purple, 2 ft.	5
— — Golden, 2 ft.	5
— — Variegated, 2 ft.	5
— — Mixed, all colors.	5

CODETIA.

Very attractive hardy annuals, all well deserving of the most extensive cultivation; their profusion of bloom and delicate tints of color have long rendered them universal favorites.

Codetia Lindleyana. Peach lilac, with carmine centre, 1½ ft.	5
— The Bride. Pure white, with crimson belt; a beautiful variety.	5
— Whitneyi. A beautiful and distinct variety, with large bluish-colored flowers, marked with crimson, 1 ft.	10
— Fine Mixed. All colors.	5

COURD ORNAMENTAL (Mock Orange).

A highly interesting genus, of rapid growth, with luxuriant and ornamental foliage, and bearing fruit of the most varied and fantastic forms; very desirable for trellis-work or festooning. *Tender annuals.*

Gourd Ornamental. Fine mixed varieties.	10
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GRAMMANTHES.

Grammanthes Gentianoides. A beautiful plant for rock-work or rustic baskets, of small size, and covered with orange scarlet star-shaped flowers. *Half-hardy annual.*

15

GYPSOPHILA.

Elegant free-flowering little plants for rock-work or small beds.

Gypsophila Muralis. A charming little plant, covered with beautiful pink blossoms. <i>Hardy annual,</i> ¼ ft.	10
— Paniculata. White; fine for bouquets. <i>Hardy perennial.</i>	10

HIBISCUS.

Hibiscus Africanus. A very ornamental and showy hardy annual; color, a rich cream, with brown centre, 1½ ft.

5

HELIOTROPIMUM.

Well-known, deliciously fragrant plants, excellent for bedding purposes or pot culture. *Half-hardy perennials.*

Heliotropium. Finest mixed.	10
— Peruvianum. Bright purple.	10

HELENIUM.

PER PKT.

Helenium Douglasii. Showy yellow. *Hardy annual*, 3 ft. 10

HELIANTHUS (Sunflower.)

Very handsome varieties of Sunflower, remarkable for their stately growth and the brilliancy and size of their flowers. *H. macrophyllus giganteus* is a most conspicuous plant, growing in a pyramidal form to an immense height. *Hardy annuals*.

Helianthus Californicus. Extra large and double, 5 ft. 5
 — **Globosus Fistulosus.** Flowers very large, double and globular formed, of a bright rich saffron color, 6 ft. 10
 — **Macrophyllus Giganteus.** A large growing variety, of pyramidal form, 10 f. 10
 — **Oculatus Viridis.** Densely double, with green centre 10

HELICHRYSUM (Everlasting Flowers.)

Exceedingly effective in the flower border, and indispensable for Winter bouquets, for which cut before the blooms are expanded, and dry in the shade. *Hardy annuals*.

Helichrysum Brachyrhynchum. Yellow, 1½ ft. 10
 — **Bracteatum.** Yellow, 1½ ft. 5
 — **Album.** White, 1½ ft. 5
 — **Monstrosum.** Finest double mixed, 2 ft. 10
 — **Nanum.** Dwarf, double mixed, 1 ft. 10
 — **Finest Mixed.** All colors. 10

HELIOPHILA.

Heliophila Araboides. A very pretty little bright blue hardy annual, 1 ft. 5

HOLLYHOCK.

The seed we offer of this noble flower has been saved from named varieties of every known shade of color, and can be confidently recommended. Seed sown in June or July will produce plants for blooming next summer. *Hardy perennial*.

Hollyhock. Extra choice double, finest mixed. 25
 — **Fine Mixed.** Good varieties. 10

HONESTY (Lunaria Biennis.)

Interesting summer blooming plants, suitable for shrubberies or woodland walks. *Hardy biennials*.

Honesty. Mixed, 2 ft. 5

HUNNEMANNIA.

A beautiful herbaceous plant, with handsome tulip-like flowers. *Half-hardy perennial*.

Hunnemannia Fumariæfolia. Yellow, 2 ft. 10

HUMEA.

An exceedingly beautiful and graceful plant, flowering in drooping pyramids of innumerable ruby-red, grass-like florets, attaining, when well grown, a height of eight feet. Invaluable as a decorative plant, either for the conservatory, or in pots, distributed in the pleasure ground, on lawns, terraces, etc. Should be grown in light rich soil. *Half-hardy biennial*.

Humea Elegans. Red, from Australia, 8 ft. 15

ICE PLANT.

A very singular dwarf trailing plant, much used for garnishing; the leaves and stems are covered with crystalline globules, giving it the appearance of being covered with ice. *Half-hardy annual*.

Ice Plant. (*Merembryanthemum Crystallinum.*) From Greece, trailer. 5

IBERIS (See Candytuft.)**INDIAN SHOT (See Canna.)****INOPSIDIUM.**

An elegant little profuse-blooming plant, valuable for shady situations, in rockeries, or for edgings. *Hardy annual*.

Inopsidium Acaule. Sky-blue, ½ ft. 10

IPOMEA.

PER PKT.

This genus contains some of the most varied and beautiful flowers in cultivation. For covering old walls, trellises, arbors, or stumps of trees, they are invaluable. *Tender annuals.*

Ipomea Atropurpurea. Dark purple, 15 ft.....	5
— Bona Nox. (<i>Evening Glory.</i>) Pure white, large and fragrant.....	15
— Burridgii. Rose and crimson, 15 ft.....	5
— Coccinea. (<i>Star Ipomea.</i>) Bright scarlet.....	5
— Grandiflora Argentea Marmorata. (<i>Variegated Morning Glory.</i>) A very beautiful variety, with heart-shaped leaves of a delicate green, profusely marbled with silver white; flowers carmine and white.....	10
— Limbata. Blue and white.....	10
— Quamoclit. (<i>See Cypress Vine.</i>).....	5

IPOMOPSIS.

Most beautiful plants, with long spikes of dazzling orange and scarlet flowers. *Half-hardy biennials.*

Ipomopsis Elegans. Scarlet, 3 ft.....	10
— Superba. Orange, 3 ft.....	10

JACOBÆA (Senecio.)

Free-growing plants of the easiest culture, producing their gay-colored flowers in great profusion. *Hardy annuals.*

Jacobæa Elegans. Fine mixed, double, 1 ft.....	10
— Dwarf Double. Of dwarf and compact habit, fine for pots or beds, $\frac{1}{2}$ ft....	10

KAULFUSSIA.

Very pretty little plants, of neat compact growth and dwarf habit, growing freely in any good soil. *Hardy annuals.*

Kaulfussia Amelloides. Bright blue, $\frac{1}{2}$ ft.....	5
— Rosea. Rose, with mauve centre, $\frac{1}{2}$ ft.....	10

LANTANA.

Charming plants, with brilliant rosettes of blossoms in various hues of pink, purple, orange, etc. Excellent either for pot culture, or the open border. *Half-hardy perennial.*

Lantana Hybrida. Finest varieties mixed.....	15
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LARKSPUR (Delphinium.)

A beautiful genus of plants, possessing almost every requisite for the adornment of the garden or parterre; blooming in the greatest profusion, and of every variety of the most brilliant colors. *Hardy annuals.*

Larkspur, Dwarf Rocket. Finest mixed, double, 1 ft.....	5
— Tall Rocket. Finest mixed, double, $2\frac{1}{2}$ ft.....	5
— Candelabra-formed. (<i>See Delphinium.</i>).....	10

LATHYRUS (Everlasting Pea.)

Very ornamental, free-flowering plants, useful for covering trellises, old stumps, fences or walls; growing in any common soil. *Hardy perennials.*

Lathyrus Latifolius. Purple, 5 ft.....	5
— Albus. White, 5 ft.....	5
— Mixed. Purple and white.....	5

LAVANDULA (Lavender.)

Much prized for its fragrant lilac flowers; succeeds best in a dry, gravelly soil. *Hardy perennial.*

Lavandula Spica. Lilac, 2 ft.....	5
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LEPTOSIPHON.

A charming class of free-blooming hardy annuals. *L. densiflorus albus* is one of the purest of white flowers, and blooming in masses, is admirable for beds. *L. aureus* is an extremely pretty dwarf plant, of a rich golden color. All the varieties are of easy culture, and very pretty for pots, rock-work, or edgings.

Leptosiphon Aureus. Golden yellow, $\frac{1}{2}$ ft.....	10
— Densiflorus Albus. Pure white, 1 ft.....	10
— Hybridus. Finest mixed, $\frac{1}{2}$ ft.....	10
— Roseus. A very elegant and profuse-flowering variety of dwarf and compact habit.....	10

Double Hollyhock.
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Ice-Plant.
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Ipomea.
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Larkspur.
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Lantana.
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Mimosa (Sensitive Plant.)
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Leptosiphon roseus.

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Myosotis Dissitiflora.

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Marigold, Dwarf French.

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Nemophila insignis.

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Nasturtium Dwarf.

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Oxalis Valdiviana.

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LIMNANTHES.

PER PKT.

Very showy, profuse-blooming dwarf plant, succeeding well in almost any situation.

Hardy annual.

Limnanthes Douglasii. Yellow and white, fragrant, $\frac{1}{2}$ ft..... 5

LINARIA.

Very pretty, compact-growing plants, remarkable for the beauty and variety of their colors; very effective in rock-work, ribbons, or edgings, succeeding well in common soil. *Hardy annuals.*

Linaria Bipartita Alba. Pure white, $\frac{1}{2}$ ft..... 5

— **Splendida.** Rich, deep purple, $\frac{1}{2}$ ft..... 10

LINUM.

A beautiful class of plants, of brilliant and varied colors. *L. coccineum* is one of the handsomest annuals ever introduced, in brilliancy of color being surpassed by none; it is also much to be recommended for its long duration in bloom.

Linum Flavum. Golden yellow. *Perennial*, 1 ft..... 10

— **Grandiflorum Coccineum.** Brilliant scarlet. *Hardy annual*, 1 ft..... 10

— **Lewisii Variegatum.** Striped lilac and white. *Perennial*, 2 ft..... 10

LOBELIA.

A very valuable and beautiful class of mostly dwarf-growing plants; their delicate drooping habit, and the profusion of their charming little blue and white flowers, render them exceedingly ornamental for vases or hanging baskets, while for border cultivation they are equally effective. *Half-hardy annuals.*

Lobelia Erinus Alba. Pure white, $\frac{1}{2}$ ft..... 10

— **Paxtoniana.** A beautiful variety, fine habit, profuse bloom of pure white, with sky-blue belt; a splendid bedding plant, $\frac{1}{2}$ ft..... 10

— **Speciosa.** One of the most effective varieties for bedding, $\frac{1}{2}$ ft..... 10

— **Crystal Palace Compacta.** A beautiful new variety..... 25

— **Gracilis.** Light blue, spreading habit, $\frac{1}{2}$ ft..... 10

— **Fulgens.** (*Queen Victoria*.) Brilliant scarlet, fine border perennial, 2 ft.... 25

— **Finest Mixed Varieties.**..... 10

LOPHOSPERMUM.

Exceedingly elegant and ornamental climbing plants, with large and handsome flowers; very effective for conservatory or garden decoration. *Half-hardy annuals.*

Lophospermum Hendersonii. Rosy carmine, 10 ft..... 25

— **Scandens.** Rosy purple, 10 ft..... 25

LUPINUS.

Highly ornamental, beautiful, and free-flowering garden plants, with long graceful flower-spikes of rich and varied colors, valuable for mixed flower and shrubbery borders. *Hardy annuals.*

Lupinus Affinis. Blue, white, and purple, $\frac{1}{2}$ ft..... 5

— **Cruickshanki.** Blue, white, and yellow, 3 ft..... 5

— **Dunnetti.** Violet, brown, and yellow, 2 ft..... 10

— **Hybridus Atrococcineus.** Scarlet and white, 2 ft..... 10

— **Tricolor Elegans.** White, lilac, and purple, 1 ft..... 10

— **Polyphyllus.** Mixed blue and white. *Hardy perennial*, 3 ft..... 5

— **Mixed Annual Varieties.**..... 5

LYCHNIS.

Very handsome and useful *perennials*. *L. chalconica* is strikingly effective in mixed flower and shrubbery borders. *L. fulgens* is brilliant in the extreme. *L. Haageana* is a beautiful hybrid, varying in different shades. *Hardy perennials.*

Lychnis Chalconica. Scarlet, 2 ft..... 5

— **Fulgens.** Bright scarlet, $1\frac{1}{2}$ ft..... 10

— **Haageana.** Bright orange scarlet, 1 ft..... 10

MESEMBRYANTHEMUM.

Dwarf-growing plants of great beauty, well suited for edgings, and covering banks or rockeries fully exposed to the sun, producing their star-like flowers in great abundance the whole summer. *Half-hardy annuals.*

Mesembryanthemum. Mixed varieties, $\frac{1}{2}$ ft..... 5

MARIGOLD.

PER PKT.

The French and African Marigolds are amongst the most elegant and beautiful of our annuals, their rich and varied colors, and neat, compact green foliage producing a splendid effect in almost any situation. The African is the tallest and most striking in large beds and mixed shrubby borders; while the French varieties are admirably adapted for small beds, or as a foreground to taller plants. *Half-hardy annuals.*

Marigold African Quilled. Lemon color, 2 ft.....	5
— — Quilled. Orange color, 2 ft.....	5
— — Finest Mixed Varieties.....	5
— French Dwarf. Striped, 1 ft.....	5
— — Dwarf. Yellow, 1 ft.....	5
— — Finest Mixed Varieties.....	5

MARVEL OF PERU (Mirabilis.)

The flowers of this class are very varied and beautiful, and are produced in great abundance. The roots may be preserved through the winter like Dahlias. *Half-hardy perennials.*

Marvel of Peru. (Four o'clocks.) Sweet-scented, white, 2 ft.....	5
— — Variegated. Very ornamental, 2 ft.....	10
— — Finest Mixed. 2 ft.....	5

MAURANDIA.

These beautiful summer climbers can not be too highly recommended, whether for the adornment of the conservatory or green-house, or for training on trellis-work, verandas, and the flower garden. Blooms the first season from seed. *Half-hardy perennials.*

Maurandia Barclayana. Rich violet, 10 ft.....	10
— Alba. White, 10 ft.....	10
— Rosea. Rosy pink, 10 ft.....	10
— Purpurea Grandiflora. Purple, 10 ft.....	10
— Finest Mixed Colors.....	10

MIGNONETTE.

A well-known favorite, highly esteemed for its delightful fragrance. If well thinned out, immediately the plants are large enough, they will grow stronger, and produce larger spikes of bloom. *Hardy annuals.*

Mignonette. (Reseda Odorata.) Large flowered variety. Per ounce, 25 cents....	5
— Large-flowered Pyramidal. (Reseda Ameliorata.) Quite distinct from the old large-flowered variety; its foliage and flowers are much larger, the plants are of pyramidal growth, and attain a large size.....	10
— Parsons' New White. Flowers nearly white, a new and desirable variety,	10

MIMULUS (Monkey Flower.)

Strikingly handsome flowers, among the gayest ornaments for conservatory, green-house, or general flower-garden. Seed sown in spring makes fine bedding plants for summer blooming, while seed sown in autumn produces very effective early-flowering green-house plants. *Half-hardy perennials.*

Mimulus Cardinalis. Scarlet, 1 ft.....	10
— Cupreus. Bright orange crimson, a most valuable bedding plant, $\frac{1}{2}$ ft.....	10
— Moschatus. (Musk Plant.) Yellow, $\frac{1}{2}$ ft.....	10
— Tigrinus. An exceedingly beautiful new blotched and spotted hybrid, rivaling the Calceolaria in the variety of its brilliant colors.....	15
— Tigrinus Flore Pleno. A beautiful new double-flowering variety, valuable alike for open garden and green-house decoration; choice mixed colors...	25
— Choice Mixed. From the finest sorts.....	10

MIMOSA (Sensitive Plant.)

Mimosa Pudica. A very interesting and curious plant, its leaves closing if touched or shaken. <i>Half-hardy annual.</i>	5
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MYRSIPHYLLUM (Smilax.)

There is no climbing plant in cultivation that surpasses this in the graceful beauty of its foliage, and its peculiar wavy formation renders it one of the most valuable of all plants for vases or hanging baskets, as it can be used either to climb or to droop, as required; in cut flowers, particularly for wreaths, it is now considered indispensable by all florists.

Myrsiphyllum Asparagoides. White, 6 ft.....	25
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MOMORDICA.

PER PKT.

Very curious trailing plants, with ornamental foliage, and remarkable fruit. *Half-hardy annuals.*

Momordica Balsamina. (<i>Balsam Apple.</i>) From East Indies, 10 ft.....	5
— Charantia. (<i>Balsam Pear.</i>) 10 ft.....	5

MORNING GLORY.

Morning Glory. (<i>See Convolvulus.</i>) Finest mixed, 20 ft.....	5
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MUKIA.

A very pretty annual climber, with small heart-shaped leaves and scarlet berries; very ornamental, and of rapid growth.

Mukia Scabrella. From N. Holland, 10 ft.....	10
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MUSK PLANT. (*See Mimulus Moschatus.*)**MYOSOTIS (Forget-me-not.)**

The different species of this popular genus are all very beautiful, and too well-known to need recommendation; they succeed best in moist situations. *Hardy perennials.*

Myosotis Palustris. Blue, $\frac{1}{2}$ ft.....	10
— Alba. White, $\frac{1}{2}$ ft.....	10
— Azorica Cœlestina. Flowers of a rich turquoise blue, produced in the greatest abundance.....	25
— Alba. An exquisite pure white variety of the above.....	25
— Dissitiflora. Dark blue, very fine spring-flowering variety, with large blossoms, quite distinct from any other, $\frac{1}{2}$ ft.....	25
— Semperflorens. A charming new variety.....	25

NASTURTIIUM.

Plants of great beauty, blooming throughout the summer and fall, and in the green-house during the whole winter; being of rapid growth, the tall varieties make an excellent cover for old walls, trellises, etc., while the dwarf varieties, from their close, compact growth, and rich-colored flowers, are amongst the most popular of bedding plants. *Hardy annuals.*

Nasturtium Tom Thumb Spotted. 1 ft.....	10
— Scarlet. 1 ft.....	10
— Yellow. 1 ft.....	10
— King of Tom Thumbs. Crimson scarlet, 1 ft.....	10
— Dwarf Mixed. 1 ft.....	5
— Tall Scarlet. 10 ft.....	5
— Orange. 10 ft.....	5
— Mixed. 10 ft.....	5

NEMOPHILA.

This is one of the most charming dwarf hardy annuals, of very neat, compact, uniform habit of growth, comprising varied and beautiful colors; blooms freely all summer.

Nemophila Discoidalis. Black, with white margin, 1 ft.....	5
— Insignis. Bright blue, with white centre, 1 ft.....	5
— Marginata. Azure blue, edged with white.....	5
— Maculata. White, with large purple spots, 1 ft.....	5
— Fine Mixed.	5

NIGELLA (Love-in-a-mist.)

Curious and interesting free-flowering plants, of the easiest culture, growing in any garden soil. *Hardy annuals.*

Nigella Damascena Nana. Double, blue and white, $\frac{3}{4}$ ft.....	5
— Atropurpurea. Clear, rich purple, $1\frac{1}{2}$ ft.....	5

NOLANA.

Very pretty trailing plants, with Convolvulus-like flowers; excellent for rustic-work or hanging baskets. *Hardy annuals.*

Nolana Lanceolata. Sky-blue, with white throat.....	5
— Atriplicifolia. Blue, violet, white and yellow.....	5

NYCTERINIA.

Neat, compact, sweet-scented little plants, with large heads of star-shaped flowers, well suited for rock-work or edgings; succeed in light rich soil. *Half-hardy perennials*

Nycteria Capensis. White, with yellow centre, $\frac{1}{2}$ ft.....	10
— Selaginoides. Pink, with yellow centre, $\frac{1}{2}$ ft.....	10

ENOTHERA (Evening Primrose.)

PER PKT.

A very beautiful, free-flowering, and useful class of plants, flowering generally in long spikes. *E. Lamarckiana* has a superb spike of bloom, and is one of the showiest yellow flowers grown. *E. bistorta Veitchii* is a pretty edging plant, and may be grown in rockeries. *E. Drummondii* is a wonderfully free-blooming variety, flowering for months continuously.

Enothera Bistorta Veitchii. Yellow with crimson spots. <i>Half-hardy annual</i> , 1 ft	10
— Drummondii. Yellow. <i>Half-hardy annual</i> , 2 ft.....	10
— Lamarckiana. Bright yellow flowers, 3 to 4 in. in diameter, and produced in great profusion; a splendid ornamental plant. <i>Hardy perennial</i> , 3 ft....	10
— Macrocarpa. Primrose, large blooms. <i>Hardy perennial</i> , $\frac{3}{4}$ ft.....	10
— Fine Mixed Varieties	10

OXALIS.

Very attractive and beautiful plants, with richly-colored flowers, suitable for greenhouse decoration, or for rock-work, rustic baskets, and out of doors. *Half-hardy perennials*.

Oxalis Rosea. A neat, erect-growing plant, with bright rose-colored flowers, $\frac{3}{4}$ ft	10
— Tropaeoloides. Deep yellow, brown leaves, $\frac{1}{2}$ ft.....	10
— Valdiviana. A new, very showy, and compact-growing variety, flowers of a bright yellow, sweet scented, and produced in bunches of large size, which are thrown well above the foliage.....	10

PANSY or HEARTSEASE (Viola Tricolor.)

This beautiful flower is too well-known to need any description. Seed sown in spring should not be allowed to blossom until the latter end of September. Pick off the buds as they appear during the summer months, this will cause the plants to grow bushy and compact, and will bloom profusely during the late autumn and early spring months. Seed sown in August and September and kept in a cold frame through the winter, and planted out in spring, will blossom freely the whole season. The seed we offer has been saved from the most distinct and best-named imported varieties. *Hardy perennials*.

Pansy, English. Very fine mixed.....	25
— Extra Choice. From a superb collection.....	50
— Odier, or Five-Blotched. A new and beautiful strain, perfect in size and form of flower, as well as in beauty and variety of color.....	50
— Faust, or King of the Blacks. Deep black, very remarkable.....	20
— White. Fine pure.....	25
— Yellow. Pure golden.....	25
— Sky-blue. Very beautiful.....	20
— Striped (Fancy.) Beautiful variegated.....	25
— Violet, bordered white. Fine varieties.....	25
— Gold-margined. Very fine.....	25
— Good Mixed	10

PALAVA.

Palava Flexuosa. A beautiful dwarf, bushy annual, from 15 to 18 inches in height, producing in the greatest profusion its charming flowers of a bright rosy pink, fading slightly toward the centre, whilst the base of the sepals is almost black. It succeeds admirably either in the open air, or as a decorative plant for the greenhouse or conservatory, and is altogether one of the most striking and effective novelties of recent introduction.....	10
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PENTSTEMON.

Handsome, herbaceous plants, remarkable for the beauty and fine effect of their long, graceful, richly-colored flower spikes; will bloom the first year if sown early in March, in a hot-bed, and planted out in May. *Half-hardy perennials*.

Pentstemon Grandiflorum. Light blue, hardy, from Nebraska, 2 ft.....	10
— Lobbi. Yellow; fine, $1\frac{1}{2}$ ft.....	10
— Murrayanum. Scarlet, very handsome, 2 ft.....	25
— Pulchellum. Rosy purple, free-flowering, 1 ft.....	10
— Fine Mixed Varieties	10

Palava Flexuosa.
Page 31.

Pansy.
Page 31.

Petunia, Single.
Page 27.

Petunia, Double.
Page 37.

Primula Japonica.
Page 8.

Primula Sinensis fimbriata.
Page 28.

Portulaca Grandiflora Double.
Page 38.

Rhodanthe Maculata. Page 38.

Sweet Rocket.
Page 39.

Salpiglossis. Page 39.

Stock—German Ten Weeks.
Page 43.

Schizanthus. Page 39.

PETUNIA.

PER PKT.

For out-door decoration, in summer, there is scarcely a class of plants to equal this; they commence to flower early, and continue a mass of bloom the whole summer; they are of the easiest culture, and are equally effective and beautiful grown in pots for the decoration of the conservatory or green-house. *Half-hardy perennials.*

Petunia Hybrida. Finest striped and blotched varieties, mixed.....	25
— Flore Pleno. Finest double, mixed.....	50
— Nyctaginiflora. White, 1 ft.....	5
— Phoenicea. Purple, 1 ft.....	5
— Fine Mixed.....	10

PERILLA.

Handsome, ornamental foliaged plants, with deep mulberry, or blackish purple-colored foliage, forming a fine contrast to the silvery foliage of Cineraria Maritima, the Centaureas, etc. Grows freely in rich soil. *Half-hardy annuals.*

Perilla Nankinensis. Leaves deep mulberry, 1½ ft.....	5
— Variegata. Leaves a dark mulberry, blotched and marked with carmine	10

PLATYSTEMON.

A charming, free-flowering, dwarf-growing plant, adapted for bedding or rustic-work. *Hardy annual.*

Platystemon Californicum. Cream, spotted with orange, 1½ ft.....	10
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PHLOX.

This splendid genus of plants is unrivalled for richness of color, profusion of blossom, length of duration in bloom, and general compactness, and whether in clumps or masses, looks equally beautiful. Phlox Drummondii is perhaps the finest annual in cultivation, and should occupy a prominent place in every garden. The perennial species, which are very handsome, require protection during the winter. *Hardy annuals.*

Phlox Drummondii Alba. Pure white.....	10
— Atropurpurea Striata. Beautifully striped.....	10
— Ocucata. White, with purple eye.....	10
— Coccinea. Deep scarlet.....	10
— Black Warrior. Dark purple.....	10
— Leopoldii. Bright, rose white eye.....	10
— Marmorata. White, tinged rose, white eye.....	10
— Princess Royal. Light purple, with white streaks.....	10
— Queen Victoria. Violet, white eye.....	10
— Radowitzi. Rose purple, white eye.....	10
— Rosea. Pure rose-color.....	10
— Variabilis. Violet and lilac.....	10
— Heynholdii. Bright scarlet, dwarf and compact.....	15
— Cardinalis (new.) Compact and bushy, blooms very profusely, brilliant scarlet.....	25
— Isabellina. Pale yellow.....	10
— Finest Mixed Varieties.....	16
— Decussata. Perennial mixed, finest varieties from named flowers.....	25

PICOTEE PINK.

Well-known and highly valued plants, remarkable as well for their great beauty and delightful fragrance as for their easy culture and accommodating habit, growing freely, and flowering profusely either in pots, in the green-house, or in the open border, succeeding best in rich loamy soil. *Half-hardy perennials.*

Picotee Pink. Saved from the finest varieties.....	50
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PINK, CHINA, and other varieties. (*See Dianthus.*)

POLYANTHUS.

Gay and profuse spring-flowering plants, adapted for pot culture or the open border. *Hardy perennials.*

Polyanthus. Choice mixed, from best laced flowers.....	25
— Mixed Border Varieties.....	10

POTENTILLA.

Very handsome, profuse-flowering, hardy, herbaceous plants, exceedingly useful and ornamental in mixed flower and shrubbery borders, lasting a long time in bloom. *Hardy perennials.*

Potentilla. Finest mixed, 1½ ft.....	10
— Double Flowering. Finest Mixed.....	25

POPPY.

PER PKT.

Plants with large and brilliantly colored flowers, growing freely in any common soil, and producing a large and effective display in large mixed borders and shrubberies. *Hardy annuals.*

Poppy, Carnation. Double mixed colors, 2 ft.	5
— French. (<i>Papaver Rhæas.</i>) Ranunculus-flowered, double mixed, 2 ft.	5
— Pæony-flowered. Double, 2 ft.	5

PORTULACA.

These brilliant and popular hardy annuals are of the easiest culture, luxuriating in an exposed, sunny situation, and producing throughout the summer their various colored flowers in the greatest profusion. The double Portulaca is one of the most showy and desirable novelties of recent introduction, and has proved quite constant from seed.

Portulaca Alba. Pure white	5
— Aurea. Golden yellow	5
— Aurantiaca. Orange	5
— Caryophylloides. Carnation-striped	5
— Rosea. Rose-colored	5
— Splendens. Crimson purple	5
— Thellusonii. Splendid scarlet	5
— Splendid Mixed. All colors	5
— Grandiflora Double. Finest mixed. These are unsurpassed for brilliancy by any annuals in cultivation. Nothing can exceed their refulgent splendor when under the full blaze of the summer sun.	25

PRIMULA (Chinese Primrose.)

One of the finest winter-blooming plants, indispensable for the decoration of the green-house or conservatory. *The great perfection to which these Primulas have been brought, both in flower and foliage, and the variety of colors now obtained, render them in attractiveness and value scarcely equaled by any class of plants. They should be grown in every greenhouse. Our seed has been selected with great care, and we can confidently recommend it.*

Primula Sinensis Fimbriata. Very choice mixed, from prize flowers	50
— Alba. Pure white	50
— Rubra. Red, very fine	50
— Striata. White, striped with red	50
— Kermesina Splendens. Bright carmine, with distinct yellow eye	50
— Alba Plena. Double white	1 00
— Rubra Plena. Double red	1 00
— Double Mixed. Red and white	1 00
<i>The double varieties produce a large percentage of double flowers, and are superb.</i>	
— Punctata Elegantissima. A beautiful new variety, flower deep velvety crimson, strongly fringed, and regularly marked at the borders with small snow-white spots	1 00
— Filicifolia Alba. White, fern-leaved, very beautiful	50
— Rubra. Red, fern-leaved	50
— Japonica. (<i>New Japanese Primrose.</i>)	25

PYRETHRUM.

Very handsome and interesting herbaceous plants, succeeding in any garden soil. *Hardy perennials.*

Pyrethrum Carneum (<i>Insect Powder Plant.</i>) Flesh color, 2 ft.	10
— Roseum. Light red, 2 ft.	10
— Hybridum Fl. Pl. New varieties of this beautiful, hardy, herbaceous plant, saved from double flowers only, some of which equal in size and beauty our best anemone-flowered Chrysanthemums	25
— Parthenifolium Aureum. (<i>Golden Feather.</i>)	10

RHODANTHE.

These are some of the most delightful annuals ever introduced, valuable alike for the decoration of the conservatory and flower garden; they are among the handsomest everlasting flowers for winter bouquets. Succeed best in light, rich soil, and a warm, sheltered situation. *Half-hardy annuals.*

Rhodanthe Atrosanguinea. Dark purplish crimson, very brilliant	10
— Maculata. Bright rosy crimson, with yellow disk	10
— Alba. Pure silvery white, very beautiful	10
— Manglesii. Bright rose, with silvery calyx	10

RICINUS (Castor Oil Bean.)

PER PKT.

Magnificent and highly ornamental plants, of picturesque foliage and stately growth. *Half-hardy annuals.*

Ricinus Borboniensis Arboreus Very large and handsome foliage, 15 ft.....	10
— Giganteus. Leaves of immense size, 12 ft.....	15
— Obermanii. (<i>Sanguineus.</i>) Red fruit; splendid ornamental plant, 8 ft.....	10
— Purpureus. Purple; very fine, 6 ft.....	10
— Tricolor. Three-colored; very beautiful, 7 ft.....	10
— Mixed Varieties.	10

ROCKET (Hesperis.)

Well-known, very fragrant early spring-flowering plants, growing freely, and blooming profusely in almost any soil. *Hardy perennials.*

Rocket, Sweet. Purple, 1½ ft.....	5
— White, 1½ ft.....	5
— Mixed, 1½ ft.....	5

SALPICLOSSIS.

Highly ornamental and remarkably beautiful autumn-blooming plants, with funnel-shaped flowers, curiously veined and marbled. *Half-hardy annuals.*

Salpiglossis Azurea Grandiflora. Sky-blue, 1½ ft.....	10
— Coccinea. Scarlet, 1½ ft.....	10
— Large-flowering. Finest mixed, 1½ ft.....	10

SALVIA.

Splendid ornamental plants for out-door decoration, their beautiful spikes of brilliant scarlet, white, and blue flowers being produced in the greatest profusion from July to October.

Salvia Coccinea. Scarlet. <i>Half-hardy annual</i> , 2 ft.....	10
— Patens. Splendid deep blue. <i>Half-hardy perennial</i> , 3 ft.....	25
— Splendens. Vivid scarlet. <i>Half-hardy perennial</i> , 3 ft.....	25
— Alba. New white. (<i>See Novelties.</i>).....	50

SANVITALIA.

Beautiful dwarf-growing, free-flowering plants, very suitable for small beds or rock-work. *Hardy annuals.*

Sanvitalia Procumbens. Rich brown and yellow, ½ ft.....	10
— Fl. Pleno. A beautiful acquisition; flowers densely double, bright golden yellow, and produced in the greatest abundance, ½ ft.....	10

SAPONARIA.

An extremely beautiful class of compact-growing plants, producing masses of minute cross-shaped rose and white flowers, which continue blooming all summer. *Hardy annuals.*

Saponaria Calabrica. Rich deep pink, ½ ft.....	10
— Alba. Pure white, ½ ft.....	10
— Ocymoides. Rose-pink. <i>Hardy perennial</i> , ½ ft.....	10

SCABIOSA (Mourning Bride, or Sweet Scabious.)

A highly ornamental border plant, producing in profusion flowers in great variety of colors; excellent for cutting for table bouquets and other ornaments. *Hardy annuals.*

Scabiosa Nana Fl. Pleno. The flowers are quite double and globular, varying in all the shades of white, carmine, maroon, lilac, etc.; a most valuable flower to use in bouquets or vases of cut flowers, 1 ft.....	10
— Tall German. Mixed, 2 ft.....	5
— Dwarf Mixed. 1 ft.....	5

SCHIZOPETALON.

Schizopetalon Walkerii. An interesting little plant, with delicately fragrant fringed flowers. *Hardy annual*, ½ ft.....

10

SCHIZANTHUS.

A splendid class of plants, combining elegance of growth with a rich profusion of beautiful flowers, valuable for green-house decoration in spring, and the flower-garden in summer. *Half-hardy annuals.*

Schizanthus Grandiflorus Oculatus. Various shades, fine blue centre, 1 ft.....	5
— Atropurpureus. Rich crimson, with dark eye.....	5
— Pinnatus. Rosy purple, and yellow spotted; very pretty, 2 ft.....	5
— Retusus. Scarlet, rose, and orange, 2 ft.....	5
— Finest Mixed Colors.	5

SCYPHANTHUS.

PER PKT.

Scyphanthus Elegans. A very ornamental, dwarf, free-flowering, half-hardy ever-green trailing plant; yellow, 2 ft. 10

SEDUM (Stone-crop.)

A very interesting and useful little plant, growing freely on rock or rustic work, ornamental mounds, old walls, etc. *Hardy perennial.*

Sedum Cæruleum. Blue, $\frac{1}{2}$ ft. 10

SENSITIVE PLANT (*See Mimosa pudica.*)**SILENE or CATCHFLY.**

A beautiful genus of free-flowering plants, with bright, attractive flowers, admirably adapted for spring and summer blooming in beds, rock-work, or mixed borders.

Silene Pendula. Bright pink. *Hardy annual*, 1 ft. 5

— **Alba.** White. *Hardy annual*, 1 ft. 5

— **Compacta.** Bright pink, 4 inches. (*See Novelties.*) 25

— **Schaffa.** Rosy purple. *Hardy perennial*, $\frac{1}{2}$ ft. 5

SMILAX (*See Myrsiphyllum asparagoides.*)**SOLANUM.**

A genus of very ornamental fruit-bearing plants, some of them among the most interesting of green-house shrubs, while others are remarkable for their fine foliage, and are most useful for groups on lawns, or as single specimens.

Solanum Capsicastrum. Miniature orange-tree, covered all winter with a profusion of scarlet fruit. A very interesting plant for the decoration of the green-house or sitting-room. *Half-hardy perennial*, $1\frac{1}{2}$ ft. 10

— **Giganteum.** Superb plant, with scarlet fruit. *Half-hardy annual*, 2 ft. 10

— **Marginatum.** A beautiful ornamental plant, with silvery leaves and yellow fruit. *Half-hardy shrub*, 2 ft. 10

— **Warscewiczii.** A magnificent plant, with immense lobed leaves of a deep green color. It attains an average height of six to eight feet, and when planted in masses produces a grand effect. 10

SWEET WILLIAM (Dianthus Barbatus.)

A very beautiful and well-known class of plants, of extreme richness and diversity of color. The varieties have been greatly improved of late years. *Hardy perennials.*

Sweet William. Fine mixed. 5

— **Auricula-flowered.** Flowers in trusses of immense size, and of exceedingly beautiful colors. 10

— **Double-flowering.** Finest mixed, from a splendid collection of double flowers. 10

SWEET PEAS.

Very beautiful, fragrant, and free-flowering climbing plants, continuing in bloom all summer; supported by common pea-sticks, they form admirable screens for protecting more tender plants, or excluding unsightly objects, valuable for training on trellis-work, covering rough fences, etc. *Hardy annuals.*

Sweet Peas, Scarlet Invincible. Remarkably fragrant, with bright scarlet crimson flowers, entirely new in color, an unusually prolific bloomer. 10

— **Striped.** 5

— **Painted Lady.** 5

— **Purple.** 5

— **White.** 5

— **Mixed.** All colors. *Per ounce, 15 cents; per pound, \$1.* 5

TAGETES.

Tagetes Signata Pumila. A beautiful delicate fern-leaved plant, forming a compact globular bush, and covered with numerous bright-yellow blossoms, with a reddish-brown stripe through the centre of each petal, which, combined with its exquisite foliage, renders it a most beautiful object. *Half-hardy annual*, 1 ft. 10

Tagetes Signata pumila.
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Thunbergia.
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Tropæolum Lobbianum.
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Virginian Stock.
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Whitlavia Grandiflora.
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Wallflower, Single.
Page 45.

Zinnia Elegans, Double.

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Zinnia Haageana Fl. Pl.

Page 45.

STOCKS (Mathiola.)

PER PKT.

The stock is one of our most important and well known annuals; for brilliancy and diversity of color, for fine foliage and compact habit, and for profusion and duration of bloom, it is unsurpassed, while as a decorative plant for the garden, whether for bedding, massing, edging, or ribboning, it is invaluable.

STOCKS (German Ten-Weeks.)

These are especially recommended on account of their long continuance in bloom, and vigorous habit. Flowers very double, 1½ ft. *Half-hardy annuals.*

Stock, Dwarf German Ten-Weeks.	Fine mixed.....	5
— — — — — Large-flowering.	Choice mixed.....	10
— — — — — Pure White.		15
— — — — — Scarlet Victoria.	New and fine.....	15
— — — — — New Large-flowered Dwarf Pyramidal.	The most popular stock in cultivation; very finest mixed.....	25
— — — — — Wallflower-Leaved.	Pure white, very fine.....	15
— — — — — Crimson.	Very fine.....	15
— — — — — Finest Mixed.		15

STOCKS (Intermediate.)

The Intermediate Stocks are prized on account of their flowering late in autumn, also as pot plants for early spring blooming, for which purpose the seeds should be sown in July or August.

Stock, Intermediate.	Scarlet.....	25
— — — — — White.		25
— — — — — Purple.		25
— — — — — Mixed.		25

STOCKS (Brompton and Emperor.)

The Emperor or Perpetual-flowering may be treated in the same manner as the Intermediate; they frequently last several years, if protected from frost. The Brompton is a biennial of branching habit, producing a grand display when in bloom.

Stock, Emperor or Perpetual.	Finest mixed.....	15
— — — — — Brompton or Winter.	Finest mixed.....	10

TACSONIA.

Tacsonia Van Volxemi. This beautiful climber was found in New Granada. It is a plant that flowers most abundantly, and for almost the whole year; the flowers individually are about five inches in diameter, and of the richest scarlet. *Half hardy shrub*.....

25

THUNBERGIA.

Extremely ornamental, free-blooming climbers of rapid growth, handsome foliage and much admired flowers; good for green-house culture, or in warm situations out of doors. Pot first into sandy loam and peat; afterward use a good portion of poor lime rubbish, which will cause masses of bloom to be thrown up. *Tender annuals.*

Thunbergia Alata.	Buff, with dark eye, 4 ft.....	10
— — — — — Alba.	White, with dark eye, 4 ft.....	10
— — — — — Aurantiaca.	Bright orange, dark eye, 4 ft.....	10
— — — — — Bakerii.	Pure white, 4 ft.....	10
— — — — — Sulphurea.		10
— — — — — Mixed Varieties.		10

TRICHOSANTHES.

Very curious plants, with long elegant serpent-like fruit, exceedingly ornamental. *Half-hardy annuals.*

Trichosanthes Coccinea. A charming climber, with small oval, green and white marbled fruit, changing to scarlet.....

25

— **Colubrina.** Serpent-gourd, brilliant carmine fruit, 5 to 6 feet in length.....

15

TRITOMA.

Tritoma Uvaria. One of the finest summer and late autumn flowering herbaceous plants known, forming magnificent beds, groups, or masses, in extensive pleasure grounds and flower gardens, borders, etc., and admirably adapted for single specimens in gardens. The very brilliant *orange-red* and *flame* colored sceptre-like flower-heads are unequalled for effect in all extensive arrangements of floral decoration. *Half-hardy perennials*.....

25

TROPÆOLUM.

PER PKT.

Very elegant and beautiful climbers, flowering most profusely; admirably adapted for green-house or conservatory decorations, especially during the winter months; very useful for covering verandas, trellis and rustic work out of doors.
Half-hardy annuals.

Tropæolum Lobbianum. Brilliant scarlet crimson, 6 ft.....	10
— Geant des Battilles. Brilliant carmine.....	10
— Triomphe de Gand. Orange scarlet, 4 ft.....	10
— Mixed Varieties.	10
— Perigrinum. (<i>See Canary Bird Vine</i>).....	10

TUNICA.

Tunica Saxifraga. A very pretty hardy perennial, with rosy-lilac flowers, useful for edgings, dwarf beds, or rock-work, $\frac{1}{2}$ ft.....	10
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VALERIAN.

Very showy border plants; will grow in almost any soil. *Hardy perennials.*

Valerian. Red and White, Mixed, $1\frac{1}{2}$ ft.....	5
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VENUS'S LOOKING-CLASS.

A free-flowering, pretty, dwarf hardy annual, especially adapted for beds, edging, &c.; grows well in any garden soil.

Venus's Looking Glass. Blue and White, Mixed. $\frac{1}{2}$ ft.....	5
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VERONICA.

Very ornamental herbaceous plants. *V. Syriaca*, if sown early, forms an extremely pretty edging for small beds.

Veronica Glauca. Blue. <i>Hardy perennial</i> , 2 ft.....	10
— Syriaca. Bright blue and white. <i>Half-hardy annual</i>	10
— Alba. White. <i>Half-hardy annual</i>	10

VINCA.

A genus of beautiful green-house evergreen shrubs; if sown early in heat, and transplanted to a warm situation in the garden about May or June, they will flower beautifully in the autumn, and may be potted for the house before frost.

Vinca Rosea. Rose, with dark eye, 2 ft.....	10
— Alba. White, with crimson eye, 2 ft.....	10

VIOLA.

Well-known favorites, deservedly much in demand on account of their profusion of bloom. *Hardy perennials.*

Viola Cornuta. Light blue, valuable for edgings, $\frac{1}{2}$ ft.....	10
— Alba. Pure white variety of the above.....	10
— Lutea. Flowers bright yellow, produced in great abundance, of dwarf and compact habit, with dark, glossy green foliage, invaluable for small beds or marginal lines.....	10
— Odorata. (<i>Sweet Violet</i>), $\frac{1}{2}$ ft.....	10

VERBENA.

Well-known, charming and universally admired plants; invaluable for summer decoration. *Half-hardy perennials.*

Verbena Hybrida. Finest mixed varieties. Saved from our own unrivaled collection.....	25
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VIRGINIAN STOCK.

Extremely beautiful free-flowering little plants for beds, baskets, or edgings, grows freely in any soil. *Hardy annuals.*

Virginian Stock. Red and White, Mixed, $\frac{1}{2}$ ft.....	5
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VISCARIA.

Remarkably pretty free-flowering plants, with rich and brilliant colors. *Hardy annuals.*

Viscaria Burridgii. White, 1 ft.....	5
— Cardinalis. An exceedingly showy variety, producing a profusion of brilliant magenta blossoms.....	10
— Oculata. Pink, with rich crimson eye, 1 ft.....	5

WAHLENBERGIA.

PER PKT.

A genus of exceedingly handsome perennials, with large Campanula-like flowers of great beauty. *Hardy perennials.*

Wahlenbergia Grandiflora. Blue, 3 ft.....	10
— — Alba. White, 3 ft.....	10

WALLFLOWER.

A well known plant, much esteemed for its fragrance. *Half-hardy perennial.*

Wallflower, Double. Dwarf, finest mixed, 2 ft.....	10
— — Branching. Fine mixed, 2½ ft.....	10
— Single Mixed. 2½ ft.....	5

WHITLAVIA.

Charming hardy annuals, with beautifully bell-shaped flowers, growing freely in any soil.

Whitlavia Grandiflora. Violet blue, 1 ft.....	5
— — Alba. Pure white, 1 ft.....	10
— Gloxinoides. An elegant variety, with beautiful Gloxinia-like flowers, corolla pure white, with delicate blue lip.....	10

WIGANDIA.

Splendid ornamental-foliaged plants, with immense leaves, 3 feet long by 1½ feet wide; seed sown early in spring, in hot-bed, will produce fine plants by the middle of summer. *Half-hardy perennials.*

Wigandia Caracasana. 6 ft.....	25
— Vigieri. Superb, glaucous foliage.....	25

XERANTHEMUM.

A showy class of everlastings; the flowers, when gathered young, are useful for winter bouquets. *Hardy annuals.*

Xeranthemum. Double White, 2 ft.....	10
— Double Purple, 2 ft.....	10
— Double Striped, 2 ft.....	10

ZINNIA ELEGANS.

Very handsome fall-flowering plants, of great richness and variety of color. The Double Zinnia has proved to be a most important acquisition, its splendid double flowers rivaling in beauty, size, and form, moderate-sized Dahlias. *Half-hardy annuals.*

Zinnia Elegans Fl. Pl. Extra choice, double, 1½ ft.....	10
— Haageana Fl. Pl. A beautiful novelty. The flower is of a deep orange-yellow color, keeping its lustre when dried, thus rendering it an acquisition for bouquet making. It is also a good bedding plant, blooming continually till the frost sets in.....	25

Hardy Annuals, and other Choice Flower Seeds by weight.

	Per oz.		Per oz.		Per oz.
Abronia umbellata	\$1 00	Cypress vine, scarlet	75	Mignonette, pyramidal	\$ 50
Acroclium roseum	50	— — white	75	Nasturtium dwarf, mixed	50
— album	50	Delphinium, finest mixed	75	— tall, mixed	25
Ageratum Mexicanum	1 00	Dianthus chinensis, (Indian <i>Pink,)</i>	75	Nemophila, mixed	50
Alyssum sweet	75	Digitalis, (Foxglove), mixed	1 50	Phlox Drummondii, fine mxd	1 00
Balloon Vine	75	Eschscholtzia, fine mixed	50	Poppy, French, mixed	50
Balsam, Camelia-flowered	3 00	Everlasting Flowers, (Helich- <i>rysum,)</i>	1 00	— Peony-flow'rd, fine mxd	50
Balsam, double white, fine	2 00	Gilia, mixed	50	Portulaca, splendid mixed, <i>all colors</i>	1 00
Bartonia Aurea	75	Globe Amaranthus, mixed	75	Ricinus, mixed	50
Cacalia, mixed	1 00	Godetia, fine mixed	75	Salpiglossis, finest mixed va- <i>rieties</i>	2 50
Calliopsis, mixed	50	Hibiscus Africanus	50	Scabiosa Dwarf, (Mourning <i>Bride,)</i>	1 00
Canary Bird Flower	2 00	Ipomea coecinea, (Star Ip- <i>omea,)</i>	50	Schizanthus, fine mixed va- <i>rieties</i>	75
Candytuft, lilac	50	Kaulfussia amelloides	75	Sensitive Plant	1 00
— purp e	50	Lavender	40	Sweet Peas, 6 colors separate <i>mixed</i>	25
— crimson	50	Larkspur, dwarf rocket, mxd	75	— mixed	15
— white rocket	50	Linum Grandiflorum coeci- <i>neum</i>	1 00	Sweet William, auricula-ey'd	1 00
— white, sweet scented	50	Lupinus annual, mixed	50	Thunbergia, mixed	1 00
— mixed	50	Margold, Arlean, mixed	1 00	Virginian Stock, red	75
Canna, fine mixed	50	— French, mixed	1 00	— white	75
Canterbury Bells, mixed	1 50	Mignonette, large flowered	25	Zinnia Elegans, Double mxd	1 00
Clarkia, fine mixed	75				
Collinsia, fine mixed	75				
Convolvulus major, (Morning <i>Glory,)</i> fine mixed.....	50				

Ornamental Grasses.

THE Ornamental Grasses are useful in various ways. Many of the tall varieties, such as *Erianthus Ravennæ*, *Gynerium Argentiûm*, and *Gymnothrix Latifolia*, are highly ornamental, their graceful drooping leaves and erect noble-looking spikes producing a splendid and striking effect; others are particularly neat and compact in habit, and are suitable for pot culture, edgings, mixed flower and shrubby borders, etc. Many of the varieties are very curious and beautiful, and when dried and tastefully arranged, in connection with the everlasting flowers, make exceedingly attractive winter bouquets. They are mostly annuals, and those which are not, with the exception of Pampas Grass, flower the first year.

The plants should be transplanted or thinned out sufficiently to afford space for the growth of each, as soon as they can be handled; this will allow them to develop their true character.

PER PKT.

Agrostis Nebulosa. Exceedingly graceful and beautiful; one of the most elegant of Ornamental Grasses. <i>Hardy annual</i> , 1 ft.....	10
Avena Sterilis (<i>Animated Oats</i> .) <i>Hardy annual</i> , 2½ ft	5
Briza Maxima (<i>Large Quaking Grass</i> .) Very elegant. <i>Hardy annual</i> , 1 ft.....	5
— Gracilis (<i>Slender Quaking Grass</i> .) <i>Hardy annual</i> , 1 ft	5
Brizopyrum Siculum. Very dwarf, with shining green leaves; very pretty, ½ ft.	10
Bromus Brizæformis. A fine grass, resembling <i>Briza Maxima</i> . <i>Hardy perennial</i> ..	10
Chloris Barbata. Pretty and curious. <i>Hardy annual</i> , 1 ft.....	5
— Truncata. Fine silvery plumes, 2 ft.....	5
Crysurus Aureus. Very dwarf, with yellowish feathery spikes, useful for small bouquets. <i>Hardy annual</i> , ½ ft.....	10
Coix Lachrymæ (<i>Job's Tears</i> .) <i>Half-hardy annual</i> , 2 ft.....	5
Eragrostis Elegans (<i>Love Grass</i> .) Elegant and pretty. <i>Hardy annual</i> , 2 ft.....	10
Erianthus Ravennæ. A superb perennial grass, resembling the Pampas in appearance and habit of growth, but attaining a greater height than that variety, and is quite hardy. Flowers the first year, if sown early in heat. <i>Hardy perennial</i> , 10 ft.....	25
Festuca Rigida. Curious dwarf variety.....	10
Gymnothrix Latifolia. Splendid ornamental grass. <i>Half-hardy perennial</i> , 10 ft.	25
Gynerium Argentiûm (<i>Pampas Grass</i> .) The finest ornamental grass in cultivation, 10 ft.....	25
Hordeum Jubatum (<i>Squirrel Tail Grass</i> .) Very handsome, 3 ft.....	10
Lagurus Ovatus (<i>Hare's Tail Grass</i> .) Dwarf, very pretty, 1 ft.....	5
Panicum Capillaceum. Extremely ornamental, 3 ft.....	10
— Sulcatum. Beautiful Palm-like foliage, exceedingly ornamental. <i>Half-hardy annual</i> , 2 ft.....	10
Paspalum Elegans. Very pretty and interesting. <i>Half-hardy annual</i> , 1½ ft.....	10
Setaria Macrocheta. Graceful drooping plumes. <i>Hardy annual</i> , 2 ft.....	5
Stipa Elegantissima. One of the most beautiful of ornamental grasses.....	10
— Pennata (<i>Feather Grass</i> .) Exceedingly graceful and beautiful. <i>Hardy perennial</i> , 2 ft.....	10
Tricholæna Rosea. A very beautiful rose-tinted grass. <i>Hardy perennial</i> , 2 ft....	10
Zea Japonica Variegata (<i>Variegated Japanese Maize</i> .) Striped green and white..	10

Vegetable Seeds.

HOW, WHEN, AND WHERE TO SOW.

Extract from "Gardening for Profit," by PETER HENDERSON.

AS seed-sowing is the starting point of cropping, a thorough knowledge of the conditions necessary for the germination of the different varieties will go far towards putting the tyro in gardening well on the way to success. The very general want of knowledge in this matter is too often the cause of much undeserved censure upon the seedsman, for in nine cases out of ten the failure is not with the seeds, but results from the time or manner of planting. When the owner of a garden sends his order for seeds to the seedsman, it is generally a complete list of all he wants for the season. They are received, and the interesting operation of sowing is begun; first in a hot-bed, if he has one, often as early as the first week in February (a month too soon by the way), and in go indiscriminately, at the same date, and under the same sash, his seeds of Cabbage, Cauliflower, Lettuce and Egg-plant, Peppers and Tomatoes. Yet even in the waning heat of this early hot-bed, where a thermometer would possibly not indicate more than fifty degrees, he finds in a week or so his Cabbage, Lettuce and Cauliflower, "coming through" nicely, but, as yet, no Egg-plants, Peppers or Tomatoes. He impatiently waits another week, makes an examination, and discovers that instead of his Tomatoes and Egg-plants beginning to vegetate, they are commencing to rot. It is now plain to him that he has been cheated; he has been sold old seed, and if he does nothing worse, he forever after looks upon the seedsman he has patronized as a venal wretch, destitute of principle and honesty. But he must have Tomatoes, Peppers and Egg-plants, and he buys again from another seedsman, warranted honest. He renews his hot-bed; it is now a month later, and a bright March sun, with milder nights, give him the proper temperature in his hot-bed—70 or 80 degrees—and his eyes are at last gladdened by the sprouting of the troublesome seed. April comes with warm sunshine, inviting him to begin to "make garden" outside. He has yet the balance of the original lot of seeds that he bought in February. But as he is still entirely befogged about the cause of his failure in the first hot-bed, he begins to open ground operations with little confidence in his seeds, but as he has got them, they may as well be tried; and again he sows in the same day, his Peas and Lima Beans, Radishes and Pumpkins, Onions and Sweet Corn. Hardy and tender get the same treatment. The result must of necessity be the same as it was in the hot-bed, the hardy seeds duly vegetate, while the tender are of course rotted. This time he is not surprised, for he is already convinced that seedsman No. 1 is a rascal, and only wonders how any of his seeds grew at all, so he again orders from seedsman No. 2 for the articles that have failed. Here circumstances continue to favor the latter, for by this time the season has advanced in its temperature, and the seeds duly vegetate. Every farmer knows that, in this latitude, he can sow Oats or Wheat in March and April, but that if he sows his Corn or Pumpkins at the same time, they will perish. This he knows, but he may not know that what is true of the crops of the farm is equally true of the garden. Hence the importance of a knowledge of the season when to sow vegetable seeds, or set out plants. The temperature best fitted for the germination of seeds of the leading kinds will be best understood by the tabular form given below:

Vegetable seeds that may be sown in this latitude, from the middle of March to the end of April, thermometer in the shade averaging 45 degrees.

Beet,	Lettuce,
Carrot,	Parsley,
Cress,	Parsnip,
Celery,	Onions,
Cabbage,	Peas,
Cauliflower,	Radish,
Endive,	Turnip,
Kale,	Spinach.

Vegetable seeds that may be sown in the open ground in this latitude, from the middle of May to the middle of June, thermometer in the shade averaging 60 degrees.

Lima Beans,	Water Melon,
Bush Beans,	Okra.
Pole Beans,	Pumpkins,
Sweet Corn,	Tomato,
Cucumber,	Squash,
Musk Melon,	Nasturtium.

NEW VEGETABLES.

Henderson's Early Summer Cabbage.

We send out this new variety of Early Cabbage, feeling satisfied that it will rival, if not to some extent supersede the Wakefield. It has been grown in large quantities for market, by the originator, (Mr. A. Van Siclen,) for many years, but he has held it exclusively until last fall, when he sold to us his entire stock of seed. The merit of this variety consists in its being the earliest of all large Cabbages, coming in but a few days after the Wakefield. It has also another valuable peculiarity, of rarely or never bursting open when ripe, so that if a crop cannot be used at once, it will not spoil, as is the case with most of the other early sorts. There is no doubt of it becoming a standard variety, either for market or private uses. Per packet, 50 cents.

Blount's Champion Cluster Tomato.

A distinct and valuable new variety, growing in clusters of from ten to twenty large-sized, smooth, well-shaped fruits in one bunch. A bunch exhibited at our Store, in August last, weighed eleven pounds, which was about an average weight per bunch, of the crop; some bunches were grown, weighing upwards of sixteen pounds. It is as early as the Trophy, and for the size of fruit, remarkably smooth, and free from inequalities. Its enormous size of cluster, will make it an interesting object at Horticultural Exhibitions, as well as for display on vegetable or fruit stands. The color of the fruit is a rich dark crimson, flesh particularly solid, having but few seeds. Per packet, 25 cents. 5 packets for \$1 00.

The Conqueror Tomato.

This new variety is the result of a cross between the Key's Prolific and the General Grant. The fruit of the Conqueror does not remain green for a long time after it has reached its full size, but begins at once to ripen; in this manner it attains an earliness of maturity which has been some two weeks in advance of the General Grant, and considerably in advance of any of the popular sorts, which have been heretofore considered the earliest, by the side of which it has been tested. The fruit is borne in clusters of eight to twelve, which ripen very nearly at the same time. It is of good size, is three to four inches in diameter, round and flattened in outline, remarkably uniform in shape and size, and unusually free from irregular or ribbed and crumpled specimens. Per packet, 25 cents. 5 packets for \$1 00.

JERSEY WAKEFIELD CABBAGE.

Specialties in Vegetable Seeds.

The following varieties of Vegetables are among the best in their respective classes, and may all be relied upon as possessing sterling merit.

Colossal Asparagus.—The best variety, unrivaled in point of size, productiveness, and quality. Per ounce, 15 cents; per pound, \$1.25.

Egyptian Turnip Beet.—The earliest Beet in cultivation; color, deep crimson; of excellent quality, quite distinct from all other varieties. Per ounce, 25 cents; per pound, \$2.50.

Early Jersey Wakefield Cabbage.—Our leading market sort; the best and most profitable early variety in cultivation. Per packet, 25 cents; per ounce, \$1; per pound, \$10.

Early Wyman Cabbage.—Larger in size than the Wakefield, which it succeeds; an excellent variety; highly esteemed in the Boston market. Per packet, 25 cents; per ounce, \$1; per pound, \$10.

Fottler's Improved Brunswick Cabbage.—The best Early Drumhead variety in the market, largely used to succeed the Early Wyman, also for a late crop. Every plant produces a good, firm, solid head, often weighing from twenty to thirty pounds, and of excellent quality. Per packet, 15 cents; per ounce, 75 cents; per pound, \$8.

Marblehead Mammoth Drumhead Cabbage.—This is a late variety, and the largest of all cabbages; specimens have been grown weighing sixty pounds per head. The plants should be set four feet apart in the rows. Per packet, 15 cents; per ounce, 75 cents; per pound, \$8.

Extra Selected Earliest Dwarf Erfurt Cauliflower.—The earliest variety in cultivation; very dwarf and compact, with solid pure white heads of superior quality; one of the surest to head. Per packet, 50 cents; per ounce, \$3.

Sandringham Dwarf White Celery.—A new and remarkably fine variety, probably the best dwarf white yet introduced; rather larger than the "Incomparable White," but of finer growth; very solid, crisp, and juicy. Per ounce, 50 cents; per pound, \$5.

Boston Market Celery.—A dwarf-growing white variety, remarkable for its tender, crisp, and succulent quality. A favorite with Boston gardeners. Per ounce, 50 cents; per pound, \$5.

Russian Netted Cucumber.—A new and interesting kind, of an extraordinary prolific nature. In hardness it surpasses all other sorts, and is consequently adapted for northern or cold and bleak climates. It is of medium size, the flesh white, and the skin covered with a pretty white network which imparts to the fruit a peculiar as well as handsome appearance. Per packet, 25 cents.

Black Pekin Egg Plant.—A new and distinct variety; the fruit is round, of a deep purple, almost black, weighing from four to eight pounds each; flesh white, fine grained, and of excellent quality. Per packet, 15 cents; per ounce, 75 cents.

Boston Market Lettuce, (True.)—A superb variety, and one of the very best for forcing, grows very compact, and is beautifully white and crisp. Per ounce, 30 cents; per pound, \$3.

Phinney's Early Water-Melon.—This is a valuable addition to our list of Melons. It is of a dark crimson color, very compact, has a thin rind, and is of a delicious flavor. It is early, very productive, and keeps well, thus being particularly valuable for market. Per ounce, 20 cents; per pound, \$1.50.

New Giant Rocca Onion.—This splendid variety is of a globular shape, light brown color, of delicate flavor, and succeeds equally well whether sown in autumn or spring. It is the largest variety in cultivation, having been grown to the weight of 3½ lbs. Per ounce, 30 cents; per pound, \$3.50.

New Neapolitan Marzajola Onion.—This is said to be the earliest onion in cultivation; it is a beautiful silvery-white skinned variety, an excellent keeper, and possesses every quality to make it a great favorite for culinary purposes. If sown as soon as the frost is out of the ground, its rapid growth will produce a splendid crop early in the year. Per ounce, 40 cents; per pound, \$4.

New Queen Onion.—A new and excellent variety, as remarkable for its keeping qualities as for the rapidity of its growth. If sown in March, it will produce onions from one to two inches in diameter early in the summer, which will keep sound until the summer of the following year. Rich or strong soil is not necessary for its cultivation; any medium or poor garden soil will suit it. It is of an excellent mild flavor, and can be highly recommended. Per ounce, 50 cents; per pound, \$6.

Laxton's Superlative Pea.—The largest and finest podded variety yet raised; the pods, which have been exhibited 7 inches in length, are more than twice the size of those of the parent Pea, *Laxton's Supreme*, which for several seasons took nearly every first prize when shown in competition. It is also quite as early as that variety, and very prolific. The color and flavor of the Peas, when cooked, are excellent. Height about 7 feet. Per ½ pint, 50 cents; per pint, \$1; per quart, \$2.

Laxton's Popular Pea.—For general crop this blue wrinkled marrow will be found earlier, more prolific, and to have better filled pods than those of *Champion of England*, to which variety it is equal in flavor, and with which it will bear favorable comparison. Mr. Laxton confidently recommends this Pea for general crop and market purposes. Height about 4 feet. Per ½ pint, 50 cents; per pint, \$1; per quart, \$2.

Laxton's William the First Pea.—The finest Pea yet sent out for earliness, flavor, and appearance combined. It is a first early variety, with long and well filled deep greenish pods; ripe seed parti-colored. It has been thoroughly tested at the Horticultural Society's Gardens, at London, and awarded a *first-class certificate*. Height 3 feet. Per ½ pint, 50 cents; per pint, \$1; per quart, \$2.

Laxton's Omega Pea.—This dwarf late Pea is remarkably prolific; the pods are very fine and closely filled, and the flavor and color of the peas, when cooked, unequalled. It is unsurpassed as a late Pea. Height, 2 feet, 6 inches. Per ½ pint, 50 cents; per pint, \$1; per quart, \$2.

The Trophy Tomato.—Head-quarters seed. — This fine variety fully maintains its reputation, and is, without doubt, one of the earliest, the largest, heaviest, and best-flavored Tomato that has been yet introduced; seed saved from early selected fruit of perfect form and ripeness. Per packet, 25 cents; per ounce, \$1. *Extra selected seed*, 50 cents per packet.

We continue our offer of \$50 for the best specimen of Trophy grown from our seed. See Premium List.

General List of Select Vegetable Seeds.

We forward all Vegetable Seeds named in this List free by mail, on receipt of prices annexed, *excepting* Peas and Beans, for which fifteen cents per quart must be added to Catalogue price, for mailing; and Corn and Onion Sets, for which ten cents per quart must be added.

To accommodate those who require only very small quantities, we put up in five cent packets such seeds as are priced at twenty cents per ounce and under, and ten cent packets of such as are priced twenty five to fifty cents per ounce.

ARTICHOKE.

German, *Artischoke*.—French, *Artichaut*.—Spanish, *Alcachofa*.

Sow in April, in rich soil, and transplant the following spring to permanent beds, in rows (or hills) three feet apart, and two feet between the plants. The plantation the first season will only give a partial crop, but as it is a perennial, after being once planted, the bed will remain in bearing for years. It requires a deep rich loam, and should be protected in winter by a covering of leaves or coarse manure.

Large Globe, best for general culture.....Per pkt..10c. Per oz..40c.

ASPARAGUS.

German, *Spargel*.—French, *Asperge*.—Spanish, *Esparragos*.

Sow early in spring, as soon as the ground will admit of working, in rows, a foot apart. Keep carefully hoed, and clear from weeds, and the plants will be in condition to set out the succeeding spring. The soil for the permanent beds should be thoroughly manured, and trenched to a depth of at least two feet. Plant in rows, three feet apart, and one foot between the plants in the rows; spread the roots well out, and let the crown of the plant be covered about six or eight inches when established. Previous to sowing the seeds, soak in tepid water for twenty-four hours.

For further information regarding culture of Asparagus, see "Gardening for Profit."

	Per oz.	¼ lb.	lb.
Large Purple Top	10c.	25c.	75c.
Colossal	15c.	50c.	\$1 25

ASPARAGUS ROOTS.

Colossal . Two-year old roots.....	\$1 50 per 100,	\$12 per 1000
— One-year old roots.....	1 00 "	8 "
Giant or Purple-Top . Two-year old roots.....	1 00 "	8 "

Larger quantities at special rates.

BEANS—ENGLISH or BROAD.

German, *Gartenbohne*.—French, *Fève de Marais*.—Spanish, *Haba*.

This class is very hardy, and should be planted as soon as the soil is in good state in spring. Plant four inches apart and two inches deep, in drills four feet asunder. To insure well-filled pods, pinch off the tops as soon as the lower pods begin to set.

(By Mail, fifteen cents per quart additional.)

	Per pt.	Per qt.
Early Mazagan . Very early and hardy, and bears freely.....	20c.	40c.
Broad Windsor . Best for general use.....	20c.	40c.
Sword Long-Pod . An excellent variety.....	20c.	40c.

BEANS—DWARF or BUSH.

German, *Bohne*.—French, *Haricot*.—Spanish, *Frijorenano*.

A succession of sowings can be made from the first week in May until September. Plant in drills about two inches deep, and from eighteen inches to two feet apart; according to the richness of the soil; the poorer the soil the closer they can be planted; the plants should be about three inches apart.

(Fifteen cents per quart additional, by mail.)

	Per qt.	Peck.	Bush.
Early Valentine . Early, productive, tender, succulent, and of excellent flavor; continues longer in the green state than most of the varieties.....	30c.	\$1 75	\$6 00
Early Mohawk . This variety is the most suitable for northern latitudes, as it is less susceptible of injury from cold than most of the others; very productive and of good quality.....	30c.	1 75	6 00
Early China . Rather earlier than the preceding, but not quite so productive; of good quality.....	25c.	1 50	5 00

BEANS, DWARF or BUSH.—*Continued.*

	Per qt.	Peck.	Bush.
Long Yellow Six-Weeks. Early and prolific; an excellent variety for general crop.....	30c.	\$1 75	\$6 00
Early Feejee. A new variety from the Feejee Islands, said to be the earliest of all beans, and very prolific.....	40c.	2 00	7 00
Refugee, or Thousand to One. Very productive, though not early; young pods extremely tender, and of fine flavor; extensively grown for pickling.....	30c.	1 75	6 00
Black Wax or Butter. The pods, when ripe, are of a waxy yellow, transparent, very tender, and delicious; an excellent variety.....	40c.	2 00	8 00
White Seeded Wax, a new variety with wax-like pods, very similar to the black seeded wax, except in color, the seeds of which are pure white. It is very productive, and an excellent variety.....	50c.	3 00	10 00
Newington Wonder. A wonderfully productive sort, pods very crisp and tender; a valuable variety for forcing.....	30c.	1 75	6 00
Large White Kidney. Excellent as a shell bean, green or ripe; seeds of large size; pure white, tender, and delicate....	25c.	1 50	5 00
White Marrowfat. Extensively grown for sale in the dry state; of average quality as a string bean, but excellent shelled, either green or dry.....	30c.	1 50	5 00
Red Kidney or Chilian. Largely used for field culture.....	30c.	1 75	6 00

BEANS—POLE or RUNNING.

German, *Stangen-Bohne*.—French, *Haricots à Rames*.—Spanish, *Judias*.

These are more tender, and require rather more care and culture than the Bush Beans; they succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed according to the variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep.

Add fifteen cents per quart if to be sent by mail.

	Per qt.	Peck.	Bush.
Large Lima. This is esteemed the best of all the pole-beans, and is almost universally grown, both for market and for private use.....	50c.	\$3 50	\$12 00
Small Lima or Sieva. Is earlier and more hardy than the preceding, but inferior in flavor.....	50c.	3 50	12 00
Dutch Case-Knife. A very productive variety, and one of the earliest; sometimes used as "snaps," but generally shelled; it is of excellent flavor.....	40c.	2 50	8 00
Horticultural, or Speckled Cranberry. A popular variety for private use; equally serviceable in the green state or when shelled.....	40c.	2 50	8 00
Scarlet Runner. A great favorite in European gardens, both as an ornamental plant, and a useful vegetable. It grows to the height of ten feet, producing dazzling scarlet flowers from July to October.....	50c.	3 00	10 00
Giant Wax. A new variety; pods from six to nine inches long, clear waxy yellow, thick and fleshy, very productive; when cooked, tender and delicious. <i>Per packet, 15c.</i>	75c.	5 00	18 00
Indian Chief, or Algerian Wax. One of the best varieties, either for snaps or shelled in the green state; its tender succulent and richly colored pods are much esteemed; they are produced in great abundance, and continue fit for use longer than most varieties.....	50c.	3 50	12 00

BEET.

German, *Runkel-Rübe*.—French, *Betterave*.—Spanish, *Betteraga*.

The soil which is best suited for the culture of the Beet is that which is rather light than otherwise, always provided that it is thoroughly enriched by manure. For an early supply sow in spring, as soon as the ground becomes fit to work, in drills about one foot apart and two inches deep. For main crop, sow the first week in May, and for winter use, sow in June. When the plants have attained three or four leaves, thin out, so that they may stand eight or nine inches apart. Keep free from weeds by hand-weeding and hoeing. In October, the roots may be taken up and stored, care being taken that they are not bruised or injured in the process.

	Per oz.	¼ lb.	Lb.
Beet, Egyptian Turnip. The earliest Beet in cultivation, color deep crimson. Of excellent quality.....	25c.	75c.	\$2 50
Early Flat Bassano. Chiefly valuable for its earliness.....	10c.	30c.	1 00

BEET—Continued.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Dewing's Improved Blood Turnip. Roots deep blood-red, of fine form and flavor. Very early; an excellent market variety	10c.	30	\$1 00
Early Blood Turnip. The standard early sort; an excellent variety	10c.	25	90
Hatch's Improved Blood Turnip. Similar in shape to the Bassano, of deep red color, early, tender, and of fine flavor..	15c.	40	1 25
Early Yellow Turnip, or Orange. Somewhat similar to the Blood Turnip, but differing in color, flesh yellow, tender and sweet.....	15c.	40	1 25
Long Smooth Blood-Red. An excellent late variety, a great improvement on the common Long Blood	10c.	25	90
Pineapple. A highly esteemed variety, of rich deep crimson color.	20c.	60	2 00
Brazilian Variegated. Beautiful for garnishing and flower garden decoration, the stems and veins being richly colored with crimson, yellow, and white.....	20c.	60	2 00
Swiss Chard, Silver or Sea-Kale Beet. This variety is cultivated solely for its leaves. The mid-rib is stewed and served as Asparagus, the other portions of the leaf being used as Spinach. If often cut, new and more tender leaves will be reproduced.....	10c.	35	1 25
Silver Curled. New, leaves curled and crisped, beautiful in appearance, and of excellent flavor. Used as Swiss Chard. Per pkt., 10c.; per oz., 50c.			

Varieties grown for Feeding Stock. (Sow in April and May, 6 to 8 pounds per acre)

	Per oz.	$\frac{1}{4}$ lb.	Lb.
White Sugar Beet. Attains a large size, and is extensively grown for feeding; largely cultivated in France for the manufacture of sugar.....	10c.	20	50
Lane's Imperial Sugar Beet. A greatly improved variety of the French Sugar Beet, obtained by careful selection in this country, and recommended as being hardier, more productive, and containing a greater percentage of sugar than the ordinary variety.....	10c.	30	1 00
Long Red Mangel-Wurzel. This variety is more generally grown for agricultural purposes than any other, producing roots of large size and excellent quality	10c.	20	50
Yellow Globe Mangel-Wurzel. Roots of large size and globular form; very productive; keeps better than the Long Red, and is better adapted for growing in shallow soils.	10c.	20	50

BORECOLE, or KALE.

German, *Blätter Kohl*.—French, *Chou Vert*.—Spanish, *Breton*.

Borecole or Kale may be grown in almost any soil, but the richer it is the more abundant the produce. Sow from the middle of April to beginning of May in prepared beds, covering the seeds thinly and evenly; transplant in June, and treat in the same manner as for cabbage. Of all the cabbage tribe this is the most tender and delicate, and would be much more extensively grown than it is, if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Dwarf Curled Kale, German Greens, or "Sprouts." This variety is extensively grown as Winter greens, sown in the month of September, in rows one foot apart, and treated in every way as Spinach; it is ready for use in early spring.....	15c.	40	\$1 25
Green Curled Scotch. A rather dwarf variety, growing about eighteen inches in height, but spreading under good cultivation to three feet in diameter; leaves of a bright green, beautifully curled.....	15c.	40	1 25
Cottager's Kale. A valuable variety, of excellent flavor, and an immense cropper; grows about a foot in height; leaves rich green, curled and feathered to the ground.....	20c.	50	1 50
Variegated Triple Curled. Leaves beautifully curled and variegated; an excellent vegetable, and exceedingly ornamental.....Per pkt., 10c; per oz.,	75c.	—	—

BROCCOLI.

German, *Brocoli*, *Spargel-Kohl*.—French, *Chou Brocoli*.—Spanish, *Brocoli*.

Nearly allied to the Cauliflower, but more hardy and surer to head; the seed should be sown in this district in the early part of May, and transplanted in June; farther South the sowing should be delayed until June or July, and the transplanting accordingly, from August to October. In parts of the country where the thermometer does not fall below 20 or 25 degrees, Broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

	Per pkt.	Oz.	¼ lb.
White Cape. Heads medium size, close, compact, and of a creamy white color; one of the most certain to head.....	10c.	75c.	\$2 50
Walcheren. A valuable variety, with very large firm heads.....	10c.	60c.	2 25

BRUSSELS SPROUTS.

German, *Kopfkohl*, *Grüner*.—French, *Chou de Bruxelles*.

This is one of the best vegetables for winter use, producing from the axils of the leaves an abundance of sprouts, resembling small cabbages, of excellent mild flavor. It has never come into general use in this country, probably owing to its being too tender to stand the winters of the Northern States; still, by sowing in April or May, and planting out in July, it may be had in fine condition until December; and in the Southern States, may be had in use from November to March.

	Per oz.	¼ lb.	Lb.
Brussels Sprouts. French seed, very fine.....	25c.	75c.	\$2 50
— Roseberry. A variety producing compact sprouts of excellent quality.....	25c.	75c.	2 50

CABBAGE.

German, *Kopfkohl*.—French, *Chou Pomme*.—Spanish, *Repollo*.

The early varieties of Cabbage are cultivated more extensively than any other vegetable. In latitudes where the thermometer never indicates 20 degrees below the freezing point, seed may be sown in the open border in October, and planted out on the first opening of spring; but in our Northern States they must either be sown in hot-beds in February, or, what is still better, wintered over in cold frames; for this purpose the seed is sown from the 10th to the 20th of September. Attention to date is important; if too soon, the plants might run to seed, and if too late they would be too small. In four or five weeks from the time of sowing, they will be fit to transplant into the cold frames. In planting, it is very important with cabbage or cauliflower that the plant is set down to the first leaf, so that the stem is all under ground, for, if exposed, it will be split by the action of the frost, and will be injured in consequence. The plants are usually set out from the middle of March to the middle of April, in rows about two feet apart, and eighteen inches between the plants in rows. The late varieties are usually sown in the early part of May, and the plants set out in July, at distances of three feet between the rows, and two feet between the plants.

	Per oz.	¼ lb.	Lb.
Early Jersey Wakefield. This variety is grown almost to the exclusion of all other kinds by the leading market gardeners in the vicinity of New-York; it is also extensively grown in all parts of the country, as the best and most profitable early variety in cultivation.....	Per pkt., 25c.	\$1 00	\$3 00 \$10 00
Early York. A well-known favorite variety.....	20	50	1 50
Large Early York. Larger and later than the preceding.....	20	50	1 50
Early Ox-Heart. A favorite market variety.....	30	1 00	3 00
Early Winningstadt. An excellent sort; heads of large size....	30	1 00	3 00
Early Flat Dutch. (True.) A valuable early variety.....	1 00	3 00	10 00
Early Battersea. An early variety of fine quality.....	30	1 00	3 00
Large Early Schweinfurt. The largest early variety; fine for summer and fall use.....	60	2 00	6 00
Early Wyman. A valuable early market variety; heads of large size and fine quality.....	Per packet, 25 cents	1 00	3 00 10 00
Large Late Drumhead. Grows to a large size, with round compact heads.....	40	1 25	4 00
Large Bergen Drumhead. One of the latest; heads of large size and fine quality.....	40	1 25	4 00
Premium Flat Dutch. (Extra selected stock.) A popular and much esteemed variety, tender, and of superior quality....	40	1 25	4 00
Stone Mason. An improved variety of the Mason Drumhead, of sweet and tender quality.....	40	1 25	4 00

Egyptian Beet.
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Bassano Beet.
Page 52.

Blood Turnip Beet.
Page 53.

Yellow Globe Mangel.
Page 53.

Long Red Mangel.
Page 53.

Long Blood Red Beet.
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White Sugar Beet.
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Swiss Chard or Silver Beet.
Page 53.

Early Ox-Heart Cabbage
Page 54.

Early flat Dutch Cabbage.
* Page 54.

Large Early Schweinfurt Cabbage.
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Large Drumhead Cabbage.
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Early Dwarf Ulm Savoy.
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Red Dutch Cabbage.
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Large Drumhead Savoy.
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Lenormand's short-stemmed Cauliflower.
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CABBAGE—(Continued.)

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Marblehead Mammoth Drumhead. The largest of all cabbages; heads have been grown weighing sixty pounds. Per packet, 15 cents.....	75c.	\$2 50	\$8 00
Fottler's Improved Brunswick. An excellent second early and late variety, producing heads of large size and fine quality..... Per packet, 15 cents.	75	2 50	8 00
Red Dutch. Used almost exclusively for pickling.....	30	1 00	3 00
Savoy Cabbage, Drumhead, (American.) The largest heading sort, of excellent flavor.....	40	1 25	4 00
— Green Globe. Smaller than the above, of good quality.....	30	1 00	3 00
— Early Dwarf Ulm. A superior dwarf variety, of fine flavor.	40	1 25	4 00

COUVE TRONCHUDA or SEA-KALE CABBAGE.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
A delicious vegetable, of sweet and delicate flavor, the leaf-stalks forming a substitute for Sea-Kale. Sow early, and transplant into rows two feet apart.....	40c.	\$1 25	\$4 00

CARROT.

German, *Möhre*.—French, *Carotte*.—Spanish, *Zanahoria*.

The Carrot, like other root crops, delights in a sandy loam, deeply tilled. For early crops sow in spring, as soon as the ground is in fair working order; for later crops they may be sown any time until the middle of June. Sow in rows about fifteen inches apart, thinning out to three or four inches between the plants.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Early French Forcing. The earliest variety; valuable for forcing; root small, and of fine flavor.....	15c.	50c.	\$1 50
Early Horn. An old and favorite sort, much esteemed for early summer use.....	15c.	40c.	1 35
Half-Long Red. A variety intermediate in size and period of maturity, between the preceding and Long Orange.....	15c.	35c.	1 10
Long Orange, (Improved.) Roots of large size, equally adapted for garden or farm culture.....	15c.	40c.	1 35
Altringham. Large and fine flavored; an excellent sort.....	10c.	35c.	1 10
Large White Belgian. A very productive kind, grown almost exclusively for stock; grows one-third out of the ground; lower part of the root white, that above ground green....	10c.	25c.	85
Yellow Belgian. When young, the roots are mild, delicate, and of good flavor; when full grown, valuable for stock.....	15c.	40c.	1 35

CAULIFLOWER.

German, *Blumen-Kohl*.—French, *Choufleur*.—Spanish, *Coliflor*.

Any soil that will grow Cabbage will grow Cauliflower, as their requirements are almost similar; but as the product is more valuable, extra manuring and preparation of the soil will be well repaid.

The seeds may be sown in September, and wintered over in the same manner as described for early Cabbage. Where this is not practicable, it may be had nearly as well by sowing the seeds in the hot-bed in January or February, and transplanting the plants at two or three inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which, in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off, they are seldom injured by being planted out too early.

	Per pkt.	Per oz.	$\frac{1}{4}$ lb.	Lb.
Extra Early Paris. A well-known excellent variety, one of the earliest.....	25c.	\$1 00	\$3 50	\$12 00
Half-Early Paris. Useful for succession, one of the best.	25c.	1 00	3 50	12 00
Early Dwarf Erfurt. A favorite early market variety; large compact heads of fine quality.....	25c.	1 50	5 00	18 00
Extra Selected Dwarf Erfurt. The earliest variety in cultivation. Very dwarf, large white compact heads of fine quality.....	50c.	3 00	10 00	38 00
Early London. An excellent and very early variety....	10c.	50	2 00	6 00
Lenormands'. A large, late variety, with well formed head of superior quality.....	25c.	1 00	3 50	12 00
Autumn Giant. A new and valuable late variety, distinct from all other sorts. The heads are beautifully white, large, firm, and compact.....	25c.	2 00	6 00	20 00

CAULIFLOWER—*Continued.*

	Per pkt.	per oz.	$\frac{1}{4}$ lb.	Lb.
Dwarf Mammoth. A very early, hardy variety, of dwarf and compact habit, with a firm white head; stands dry weather; a valuable variety for general use..	25c.	\$1 00	\$3 00	\$10 00
Walcheren. An old and favorite variety.....	10c.	60	2 25	7 00

CARDOON.

German, *Kardon*.—French, *Cardon*.—Spanish, *Cardo Hortense*.—

Cardoon is grown for the mid-rib of the leaf, which requires to be blanched in the same manner as Celery. Sow early in spring, where the plants are to remain, in drills three feet apart, an inch-and-a-half deep, and thin out the young plants to a foot apart in the drills.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Large Spanish	40c.	\$1 25	\$4 00

CELERY.

German, *Seleri*.—French, *Celeri*.—Spanish, *Apio*.

Our manner of treating the Celery crop of late years is very much simplified. Instead of sowing the seed in a hot-bed or cold frame, as formerly, it is sown in the open ground as soon as it is fit to work in April, and kept carefully clear of weeds until the time of planting in June and July. The tops are shorn off once or twice before planting, so as to insure "stocky" plants, which suffer less on being transplanted.

After the ground has been nicely prepared, lines are struck out on the level surface, three feet apart, and the plants set six inches apart in rows. If the weather is dry at the time of planting, great care should be taken that the roots are properly "firmed." Our custom is, to turn back on the row, and press by the side of each plant gently with the foot. This compacts the soil, and partially excludes the air from the root until new rootlets are formed, which will usually be in forty-eight hours, after which all danger is over. This practice of pressing the soil closely around the roots is essential in planting of all kinds, and millions of plants are annually destroyed by its omission. After the planting of the Celery is completed, nothing further is to be done for six or seven weeks, except running through between the rows with the cultivator or hoe, and freeing the plants of weeds until they get strong enough to crowd them down. This will bring us to about the middle of August, by which time we have usually that moist and cold atmosphere essential to the growth of Celery. Then we begin the "earthing up," necessary for blanching and whitening that which is wanted for use during the months of September, October and November. The first operation is that of "handling," as we term it, that is, after the soil has been drawn up against the plant with the hoe, it is further drawn close around each plant by the hand, firm enough to keep the leaves in an upright position and prevent them from spreading. This being done, more soil is drawn against the row (either by the plow or hoe, as circumstances require), so as to keep the plant in this upright position. The blanching process must, however, be finished by the spade, which is done by digging the soil from between the rows, and banking it up clear to the top on each side of the row of Celery. Three feet is ample distance between the dwarf varieties; but when larger sorts are used, the width of the rows must be at least four-and-a-half or five feet.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Henderson's Dwarf White. Our favorite market variety, of close habit, solid, crisp and tender.....	50c.	\$1 50	\$5 00
Sandringham Dwarf White. A new and excellent variety, remarkable for fine flavor and solidity.....	50c.	1 50	5 00
Incomparable Dwarf White. An excellent dwarf variety, very solid and crisp.....	40c.	1 25	4 00
White Solid. Of large size, solid and crisp.....	30c.	1 00	3 00
Seymour's Superb White. One of the best of the large growing varieties.....	40c.	1 25	4 00
Boston Market. A dwarf-growing white variety, of excellent quality. A favorite with Boston gardeners.....	50c.	1 50	5 00
Hood's Dwarf Red. An excellent dwarf variety, solid, crisp and juicy.....	40c.	1 25	4 00
Leviathan. White, very large and solid, of fine flavor.....	50c.	1 50	5 00
Carter's Dwarf Crimson. Very dwarf and solid, of fine dark crimson color and superior flavor.....	50c.	1 50	5 00
Soup Celery. (Old seed). Excellent for flavoring.....	—	—	60

CELERIAC, or TURNIP-ROOTED CELERY.

French, *Celerie-rave*.—German, *Knot Sellerie*.

A variety of Celery, having turnip-shaped roots, which may be cooked and sliced, and used with vinegar, making a most excellent salad. It is more hardy, and may be treated in the same manner as Celery.

Per oz., 30c.; per $\frac{1}{4}$ lb., \$1; per lb., \$3.

CHICORY.

Large Rooted. Used to mix with, or as a substitute for coffee. Cultivation the same as the carrot.

Per oz., 15c.; per $\frac{1}{4}$ lb., 30c.; per lb., \$1.

CHERVIL.

German, *Gartenkerbel*.—French, *Cerfeuil*.

An aromatic sweet herb. The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, one foot apart.

Per oz., 20c.; per $\frac{1}{4}$ lb., 60c.; per lb., \$2.

CORN.

German, *Welschkorn*.—French, *Mais*.—Spanish, *Maiz*.

The varieties of Sweet Corn may be either sown in rows four and a half feet apart, and the seeds planted at about eight inches in the rows, or planted in hills at distances of three or four feet each way, according to the variety grown, or the richness of the soil in which it is planted. The taller the variety, or richer the soil, the greater should be the distance apart. We make our first plantings in this vicinity about the middle of May, and continue successive plantings every two or three weeks, until the first week in July. In more southerly latitudes, planting is begun a month earlier, and continued a month later.

(Ten cents per quart extra by mail..)

	Per qt.	Peck.	Bush.
Early Narragansett. One of the earliest of the sweet varieties; ears small, tender, and of excellent quality.....	40c.	\$1 75	\$6 00
Early Minnesota. Very early; a decidedly excellent variety; ears fair-sized and uniform; plant rather dwarf.....	40c.	1 75	6 00
Crosby's Early Sugar. An excellent early variety, a favorite in the Boston market.....	30c.	1 50	5 00
Early Dwarf Sugar. A valuable variety for family use, being early, tender, sweet and productive.....	30c.	1 50	5 00
Darling's Early Sugar. The earliest of the tall varieties, ears small, well-formed and sweet.....	30c.	1 50	5 00
Early Eight-Rowed Sweet. A fine early variety with long ears, tender and well flavored.....	30c.	1 50	5 00
Moore's Early Concord. Ears large and well filled; early and unsurpassed for richness and delicacy of flavor.....	30c.	1 50	5 00
Red Cob. Medium early, ears long and well filled, good for main crop.....	30c.	1 50	5 00
Stowell's Evergreen. A late variety, of excellent quality, remaining longer in the green state than any other kind.....	30c.	1 50	5 00
Asylum Sweet. A large, late variety, very productive, and of good quality.....	40c.	1 75	6 00
Mammoth Sugar. A late variety, and one of the largest; productive and fine-flavored.....	40c.	1 75	6 00
Black Sugar. A variety with black ears, said to be the sweetest of all kinds.....	Per ear, 8c.	40c.	2 00
		2 00	6 00

VARIETIES FOR FIELD CULTURE.

	Doz. Ears.	Hund. Ears.
Early Yellow Canada. A well-known early variety.....	50c.	\$3 00
Early Dutton. A handsome variety, of excellent quality.....	50c.	4 00
Large Yellow Flint. Productive, and of good quality.....	50c.	4 00
Large White Flint. Similar to the preceding, except in color....	50c.	4 00
White Pop Corn. For parching.....	Per bushel ears, \$2; per barrel, \$5.	

CORN SALAD, or FETTICUS.

German, *Lammersalat*.—French, *Mache*.—Spanish, *Canonigos*.

A vegetable used as a salad, and sold to a considerable extent in our markets. It is sown on the first opening of spring, in rows one foot apart, and is fit for use in six or eight weeks from time of sowing. If wanted to come in early in spring, it is sown in September, covered up with straw or hay, as soon as cold weather sets in, and is wintered over exactly as Spinach.

Per oz., 15c.; per $\frac{1}{4}$ lb., 30c.; per lb., \$1 10.

COLEWORT, or COLLARDS.French, *Chou*.—German, *Blätter-Kohl*.

Sow for succession from June to August, and treat as Cabbage, in rows one foot apart.

Per oz., 20c. ; per $\frac{1}{4}$ lb., 60c. ; per lb., \$2.

CRESS, or PEPPERGRASS.German, *Kresse*.—French, *Cresson*.—Spanish, *Mastruco*.

A well-known pungent salad. Requires to be sown thickly, and covered very slightly. Sow at frequent intervals, to keep up a succession, as it soon runs to seed.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Extra Curled. Very fine ; may be cut two or three times.....	10c.	20c.	\$0 60
Australian Cress. Fine, piquant flavor.....	20c.	50c.	1 50

CRESS, (Water.)German, *Brunnenkresse*.—French, *Cresson de Fontane*.—Spanish, *Berro*.

This is a well-known hardy perennial aquatic plant, growing abundantly along the margins of running streams, ditches and ponds, and sold in immense quantities in our markets in spring. Where it does not grow naturally, it is easily introduced by planting along the margins of ponds or streams, where it increases, both by spreading of the roots and by seeding. It has a particularly pleasant, pungent taste, agreeable to most people.

Per pkt., 10c. ; per oz., 50c. ; per $\frac{1}{4}$ lb., \$1 50 ; per lb., \$5.

CUCUMBER.German, *Gurke*.—French, *Concombre*.—Spanish, *Cohombro*.

Cucumbers succeed best in warm, moist, rich, loamy ground. They should not be planted in the open air until there is a prospect of settled, warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well-rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill. The fruit should be plucked when large enough, whether required for use or not, as, if left to ripen on the vines, it destroys their productiveness.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Early White Spine. A favorite market variety, of medium size, deep green, flesh crisp, and of fine flavor.....	15c.	30	\$1 10
Improved Early White Spine. A large and improved variety of the above, of superior excellence.....	20c.	75	2 00
Boston Market Pickling. Largely used for forcing by the Boston market gardeners. A very productive kind, of superior quality.....	20c.	75	2 00
Early Frame. An old and popular variety, of medium size, straight and handsome ; excellent for pickles when young and small.....	15c.	30	1 10
Early Cluster. A much esteemed early sort, growing in clusters, and extremely productive.....	15c.	30	1 10
Early Russian. The earliest variety ; fruit produced in pairs ; small, hardy and productive.....	15c.	50	1 50
Long Green. A fine long fruit of excellent quality, dark green, firm and crisp.....	15c.	50	1 50
Short Green, or Gherkin. Similar to Early Frame ; good for pickling.....	15c.	30	1 10
Small Gherkin, or Burr. Used only for pickles.....	30c.	\$1 00	3 00

CUCUMBER-FRAME, or FORCING.

Sow in small pots from middle of January, in a hot-bed or hot-house. When grown to three leaves, plant out in a previously prepared hill of loose, rich soil, in the centre of the sash. Keep a temperature of 65 degrees at night, to 75 or 80 degrees with sun-heat. The following selection includes all the leading English varieties:

Berkshire Champion.	Cuthill's Black Spine.
Carter's Champion.	Invincible.
Improved Sion House.	Master's Prolific.
Dale's Conqueror.	Long Gun.
Lord Kenyon's Favorite.	Prince Albert.
Telegraph.	Munroe's Rablay.

Price per packet, 25 cents.

Boston Market Celery.
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Water Melon.
se 65.

DANDELION.German, *Pardeblume*.—French, *Pisse-en-lit*.—Spanish, *Amargon*.

The Dandelion resembles Endive, and is sometimes cultivated for spring greens, or for blanching for salad. The roots, when dried and roasted, are often employed as a substitute for coffee. The seed should be sown in May or June, in drills half an inch deep, and twelve inches apart. The plants will be ready for use the following spring.

Dandelion, Common.....Per pkt....10c. Per. oz....40c.

EGG PLANT.German, *Eierpflanze*.—French, *Aubergine*.—Spanish, *Berengena*.

The Egg Plant will thrive well in any good garden soil, but will repay good treatment. The seed should be sown in hot beds the first week in April, care being taken to protect the young plants from cold at night. Plant out about June 1st, about two-and-a-half feet apart. If no hot-bed is at hand, sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots, or boxes in the house.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
New-York Improved. The leading market variety; excellent and very productive.....Per packet, 15c....	60c.	\$2 00	\$7 00
Early Long Purple. Differing in shape from the foregoing, early, hardy and productive.....	40c.	1 25	4 00
Black Pekin. The fruit of this handsome variety is jet black, round in form, and very solid; it is quite early, and a very superior variety.....Per packet, 15c....	75c.	3 00	10 00
Scarlet Fruited. A highly ornamental variety....Per pkt., 10c.	75c.		

ENDIVE.German, *Endivien*.—French, *Chicorée*.—Spanish, *Endivia*.

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July, from which plantations are formed at one foot apart each way, in August and September. It requires no special soil or manure, and after planting is kept clear of weeds until the plant has attained its full size, when the process of blanching begins. This is effected by gathering up the leaves and tying them by their tips in a conical form, with bass matting. This excludes the light and air from the inner leaves, which, in the course of three to six weeks, according to the temperature at the time, become blanched. Another and simpler method consists in covering up the plants, as they grow, with slates or boards, which serves the same purpose, by excluding the light, as the tying up.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Green Curled. Very hardy; leaves dark green, tender and crisp. 20c.	\$0 75	\$2 00	
White Curled. Leaves pale green; should be used when young. 30c.	1 00	3 00	
French Moss Curled. A beautiful curled variety, of fine quality. 40c.	1 25	4 00	
Broad-Leaved Batavian. (<i>Escarolle</i> .) Chiefly used in soups and stews; requires to be tied up for blanching..... 25c.	75	2 50	

GARLIC.German, *Knoblauch*.—French, *Ail*.—Spanish, *Ajo*.

Used for flavoring soups, stews and other dishes. Garlic thrives best in a light, well-enriched soil; the sets should be planted in early spring, in rows one foot apart, and from one to five inches between the plants in the rows. The crop matures in August, when it is harvested like the Onion.

Garlic Sets.....Per lb., 40c.

KOHLRABI.German, *Kohlrabi*.—French, *Chou-rave*.—Spanish, *Cal de nabo*.

A vegetable intermediate between the Cabbage and the Turnip. It is best cultivated by sowing the seed in rows in May, June and July, according to the latitude. In this district, we sow through June, for succession, in rows eighteen inches apart, thinning out to eight inches between the plants. It is rather difficult to transplant, and it is generally preferable to sow the whole crop from seed, and thin out where it stands; although, when the weather is favorable, the thinnings may be planted at the distances above named.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Early White Vienna. Flesh white and tender; the best market sort, excellent for table use.....	30c.	\$1 00	\$3 00
Early Purple Vienna. Differing from the above in color, which is of a bluish-purple.....	40c.	1 25	4 00
Large Purple. Grown principally for stock feeding.....	20c.	60	2 00

LEEK.German, *Lauch*.—French, *Poireau*.—Spanish, *Puerro*.

The Leek is very hardy, and easily cultivated; it succeeds best in a light but well-enriched soil. Sow as early in spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high, they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck being covered, may be blanched. If fine Leeks are desired, the ground can hardly be made too rich.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Large London Flag. A very useful variety.....	30c.	\$1 00	\$3 00
Large American Flag. A favorite market variety.....	40c.	1 25	4 00
Musselburgh. Grows to a large size.....	40c.	1 25	4 00
Large Rouen. A large and excellent variety.....	30c.	1 00	3 00

LETTUCE.German, *Lattich*.—French, *Laitue*.—Spanish, *Lechuga*.

The cultivation of Lettuce is universal by all classes, and from its tractable nature and freedom from nearly all insects and diseases, it is manageable in the hands of every one. For main early crop, seed may be sown in the open ground middle of September, and transplanted to cold frames as soon as large enough to handle, being wintered over in the same manner as early Cabbage. In dry, well-sheltered spots, by covering up with leaves or litter, late in the season, Lettuce plants may be saved over winter without glass covering, and in southern parts of the country without difficulty. The plants for setting out in spring are also sown in cold frames in February and in hot-beds in March, and by careful covering up at night, make plants to set out in April; but these are never so good as those wintered over. For successive crops, sowings may be made in the open ground as early as spring opens, until July.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Early Curled Simpson. This variety, properly speaking, does not head, but forms a compact, close mass of leaves, the earliest and leading market sort.....	30c.	\$1 00	\$3 00
Early Curled Silesia. Closely resembles the above; a valuable early kind.....	20c.	60	2 00
Tennis Ball. (Black seeded.) Forms a close, hard head, with few outer leaves, a favorite forcing variety.....	30c.	1 00	3 00
Black-Seeded Butter. Similar to Tennis Ball, but larger in all its parts; used extensively as an out-door variety.....	30c.	1 00	3 00
Boston Market, (True.) A superb variety, grows very compact, and is beautifully white and crisp.....	30c.	1 00	3 00
Large India. Withstands summer heat better than most kinds; forms an immense solid head.....	40c.	1 25	4 00
Large White Summer Cabbage. Excellent for summer; heads of good size, close and well formed.....	30c.	1 00	3 00
Drumhead, or Malta. Heads very large, crisp, tender, and of good flavor; one of the best summer varieties.....	20c.	60	2 00
Boston Curled. A variety of superior quality, very symmetrical and ornamental in growth.....	30c.	1 00	3 00
All the Year Round. A hardy, crisp eating and compact growing variety, with small close heads of a dark green color; an excellent summer Lettuce, and valuable for forcing....	40c.	1 25	4 00
Hardy Green Winter. One of the best winter varieties, very hardy, and forms a solid head.....	30c.	1 00	3 00
Brown Dutch. Very hardy; one of the best for winter use....	30c.	1 00	3 00
Paris Green Cos. One of the best of the upright varieties; tender and crisp; should be tied up to insure blanching.....	30c.	1 00	3 00
Paris White Cos. Of lighter color than the preceding, crisp and excellent.....	30c.	1 00	3 00

MARTYNIA.

The seed pods are used to a considerable extent for pickling, when gathered green and tender. Sow in the open ground in May, and transplant two feet apart.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Martynia ProboscideaPer packet, 10c....	30c.	\$1 00	\$3 00

NASTURTIUM, or INDIAN CRESS.German, *Indianische Kresse*.—French, *Capucine Grande*.—Spanish, *Capuchina*.

The seeds, while young and succulent, are pickled and used as capers. The plants, are also highly ornamental; the tall variety makes an excellent screen or covering for unsightly places in the garden.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Tall Nasturtium	15c.	\$0 50	\$1 50
Dwarf ".....	30c.	1 00	3 00

MELON, (MUSK.)German, *Melone*.—French, *Melon*.—Spanish, *Melon*.

Melons thrive best in a moderately enriched light soil; the hills should be six feet apart each way. Previous to planting, incorporate well with the soil in each hill a couple of shovelful of thoroughly rotted manure; plant twelve or fifteen seeds in each hill, early in May, and when well up thin out to three or four of the most promising. Pinch off the leading shoots as the growth becomes too luxuriant, and if the fruit sets too numerously, thin out when young, which will increase the size of those remaining, and cause them to ripen quicker.

	Per oz.	¼ lb.	Lb.
Green Citron. Fruit medium size, deeply netted; shape nearly round, from six to eight inches in diameter; flesh green and of rich, delicious flavor.....	15c.	\$0 35	\$1 10
Nutmeg. Fruit nutmeg-shape; skin deep green, finely netted; flesh greenish yellow, rich and sugary.....	15c.	35	1 10
Skillman's Netted. Form roundish oval; flesh deep green, sweet, and richly perfumed; an early and delicious variety.....	15c.	40	1 35
Pineapple. Medium size, dark green, oval, netted, flesh thick, sweet and juicy.....	20c.	50	1 50
Casaba. A large variety of delicious flavor.....	20c.	50	1 50
Ward's Nectar. A green-fleshed variety of fine quality, being exceedingly sweet, rich and delicious.....	30c.	1 00	3 00
White Japan. An early medium-sized, roundish variety; skin cream-white and fine flavored.....	20c.	50	1 60
Jenny Lind. A moderately early variety, of small size, but excellent flavor.....	15c.	40	1 35
Large Yellow Cantaloupe. Flesh reddish orange, sweet, and of good flavor; an early and productive variety.....	15c.	35	1 10
Large Yellow Musk. A very large variety, deeply ribbed, and thickly netted; flesh, salmon yellow, thick and sweet. Used in the green state for "Mangoes.".....	15c.	35	1 10
Pomegranate. Very fragrant and ornamental, but not edible....	Per packet, 15c.		

MELON, (WATER.)German, *Wassermelone*.—French, *Melon d'Eau*.—Spanish, *Sandia*.

Plant in hills eight feet apart, and cultivate same as Musk-Melons.

	Per oz.	¼ lb.	Lb.
Mountain Sprout, or Long Carolina. The leading market sort, fruit of the largest size, longish oval; skin dark green, marbled with lighter shades, red-fleshed, of excellent quality.....	15c.	35c.	\$1 10
Mountain Sweet. Fruit oblong, dark green, rind thin, flesh red, solid and very sweet.....	15c.	30c.	1 00
Phinney's Early. Flesh deep red, of very superior quality; early and productive; a valuable market variety. (<i>See Cut.</i>)....	20c.	50c.	1 50
Black Spanish. Fruit of large size, almost round, skin dark green, flesh red, sweet and delicious.....	15c.	35c.	1 10
Ice Cream. Fruit of medium size, nearly round, skin pale green, rind very thin, white seed; flesh scarlet, solid, crisp and delicious.....	20c.	50c.	1 50
Gipsy. Fruit large, oblong, striped; flesh red, of fine quality ..	15c.	35c.	1 10
Orange. So called from its peculiarity of the rind separating from the flesh when fully ripe; flesh red, tender and sweet, of medium quality.....	20c.	50c.	1 50
Citron. A round handsome fruit of small size; used in the making of sweetmeats and preserves.....	15c.	40c.	1 25

MUSTARD.German, *Senf*.—French, *Moutarde*.—Spanish, *Mostaza*.

A pungent salad, used sometimes with Cress. Sow thickly in rows, and cut when about two inches high; for use during winter, it may be sown at intervals in boxes, in the green-house, or in a frame. For a crop of seeds sow in April, in drills a foot apart, and thin out moderately when about three inches high.

	Per oz.	Per pt.	Per qt.
White London. Best for salads.....	5c.	20c.	40c.
Brown or Black. More pungent in flavor than the white.....	5c.	20c.	40c.
New Chinese. Leaves twice the size of the ordinary white Mustard, stems more succulent, of a deeper green, flavor pleasantly sweet and pungent....	Per oz., 10c.; per ¼ lb., 20c.; per lb., 50c.		

MUSHROOM SPAWN.

Mushrooms may be grown in a warm cellar or shed in winter, or in the open air in summer. Take partially dry, fresh horse manure, and lay it in a heap to ferment; turn and mix it well every few days, and when well and equally fermented, which will be in from ten to fifteen days, it may be made into a bed four feet wide and about two feet deep, mixing it well together, and beating or treading it firmly. As soon as the temperature of the bed falls from 75 to 50 degrees, the Spawn may be inserted in pieces about the size of a walnut, about two inches deep, and six inches apart. Cover with loamy soil about two inches deep, and beat it down evenly and firmly. Finish off with a covering of clean straw or hay about a foot thick, and protect from heavy rains. Water when necessary with luke-warm water, and expect Mushrooms in from four to six weeks.

Per pound, 15 cents; 8 pounds, \$1. By mail, 25 cents per pound.

OKRA, or GUMBO.

German, *Essbarer*.—French, *Gombo*.—Spanish, *Quibombo*.

This vegetable is extensively grown in the Southern States; its long pods, when young, are used in soups, stews, etc., and are believed to be very nutritious. It is of the easiest culture, and grows freely, bearing abundantly on any ordinary garden soil. It is sown at the usual time of all tender vegetables, in drills two inches deep, setting the plants from two to three feet apart.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Improved Dwarf Green. Early and productive.....	10c.	30c.	75c.
Long Green. Long ribbed pods.....	10c.	30c.	75c.

ONION.

German, *Zwiebel*.—French, *Oignon*.—Spanish, *Cebolla*.

The Onion thrives best in a rather strong, deep, rich, loamy soil, and unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter, to soften. As early in spring as the ground is in working order commence operations by levelling the ground with a rake, and tread it firmly; sow thinly in drills about a quarter of an inch deep and one foot apart; cover with fine soil, and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually, so that they stand finally three or four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply, or to collect it about the growing bulbs.

(Onion seed is very scarce this year owing to a partial failure of the crop, and prices are consequently higher than last year.)

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Early Large Red. This variety ripens about a fortnight earlier than the Large Wethersfield, and is rather smaller in size, but close-grained and heavy. It is mild in flavor, a good keeper, and in all respects, an excellent variety....	40c.	\$1 25	\$4 00
Wethersfield Large Red. The staple variety of the Eastern Onion-growers, of large size, deep in color, and an excellent keeper.....	30c.	1 00	3 50
Yellow Dutch, or Strasburg. One of the oldest varieties, the "Silver Skin" of the Eastern States, a good keeper, and well flavored.....	40c.	1 25	4 00
Yellow Danvers. An excellent variety, mild-flavored, and very productive; ripens early, and a good keeper. (<i>Home grown seed</i>).....	50c.	1 50	5 00
Yellow Danvers. (<i>Imported Seed</i> .) Very excellent.....	30c.	1 00	3 00
White Portugal, or Silver-Skin. A handsome Onion, of mild flavor, but not a good keeper; extensively grown for pickling.....	40c.	1 25	4 00
Giant Rocca. A splendid large variety from Naples, of globular shape, bright brown skin and delicate flavor.....	30c.	1 00	3 50
Large Red Oval, or Globe. Similar to the Large Red in color and flavor, but quite distinct in form, being nearly globular.....	50c.	1 50	5 00
New Neapolitan Marzajola Onion. This is said to be the earliest onion in cultivation; it is a white skinned variety, and an excellent keeper. If sown as soon as the frost is out of the ground, its rapid growth will produce a crop early in the year.....	40c.	1 25	4 00
New Queen Onion. A new and excellent variety, as remarkable for its keeping qualities as for the rapidity of its growth. If sown in March, it will produce onions from one to two inches in diameter early in the summer, which will keep sound until the summer of the following year.....	50c.	1 75	5 00

ONION—Continued.

	Per oz.	¼ lb.	Lb.
Early White Italian Tripoli. A new and excellent variety of quick growth and mild flavor; skin silvery white, bulbs flat in shape and very large.....	40c.	1 25	4 00
Top, or Button Onions. }	Per qt.		Per Bush.
Potato Onions. }	30c.		\$8 00
White Onion Sets. }	25c.		7 00
Yellow Onion Sets. }	50c.		12 00
	40c.		9 00

(Onion Sets by mail, ten cents per quart additional.)

PARSNIP.

German, *Pastinake*.—French, *Panais*.—Spanish, *Pastinaca*.

Sow as early in spring as the weather will admit, in drills fifteen inches apart, covering half an inch deep. When well up, thin out to five or six inches apart in the rows. Unlike Carrots, they are improved by frost, and it is usual to take up in fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug up as required.

	Per oz.	¼ lb.	Lb.
Long Smooth, or Hollow Crown. Best for general use.....	10c.	25c.	75c.
The Student. A fine flavored variety.....	10c.	25c.	75c.
Early Short Round. An early variety, but of small size.....	10c.	25c.	75c.

PARSLEY.

German, *Petersilie*.—French, *Persil*.—Spanish, *Peregil*.

Parsley succeeds best in a rich, mellow soil. As the seeds germinate very slowly, three or four weeks elapsing sometimes before it makes its appearance, it should be sown in spring, previously soaking the seeds for a few hours in tepid water. Sow thickly in rows a foot apart, and half an inch deep. For winter use protect in a frame or light cellar.

	Per oz.	¼ lb.	Lb.
Double Curled. A fine dwarf variety, beautifully curled; excellent for garnishing.....	10c.	39c.	\$1 00
Champion Moss Curled. A very select stock, beautifully crimped and curled.....	15c.	40c.	1 25
Plain Parsley. The leaves of this sort are plain; it is hardier than the curled variety; good for flavoring.....	10c.	25c.	75
Hamburg, or Turnip-Rooted. A fleshy rooted kind; the roots used for flavoring soups.....	15c.	50c.	1 50

PEAS.

German, *Erbse*.—French, *Pois*.—Spanish, *Guizante*.

Peas come earliest to maturity in light rich soil. For general crop, a deep rich loam, or a strong loam inclining to clay, is best. For early crops, decomposed leaves or leaf-mould should be used, or if the soil is very poor, stronger manure may be employed. For general crops, a good dressing should be applied, and for the dwarf growing kinds, the soil can hardly be too rich. When grown as a market crop, Peas are never staked, and are sown in single rows, two to three inches deep, and from two to three feet apart, according to the variety or the strength of the soil. When grown in small quantities for private use, they are generally sown in double rows, six or eight inches apart, and the tall varieties staked up by brush. For an early crop sow in February or March, as soon as the ground can be worked; and make repeated sowings every two weeks for succession. After the first of June, sowing should be discontinued until the middle of August, when a good crop may generally be secured by sowing an early sort.

(If Peas are ordered by mail, 15 cents per quart must be added to these rates.)

Extra Early.

	Per qt.	Peck.	Bush.
Carter's First Crop. One of the earliest varieties; 2½ feet.....	40c.	\$2 00	\$7 50
Daniel O'Rourke. A favorite early variety; 3 feet.....	30c.	1 75	6 00
Philadelphia Extra Early. A very desirable early variety.....	40c.	2 25	8 00
Caractacus. An early and productive Pea, of good flavor.....	40c.	2 50	9 00
McLean's Little Gem. A dwarf, green wrinkled marrow, very prolific, of superior flavor, and a first early; 1 foot.....	50c.	3 50	12 00
McLean's "Blue Peter." This may be called a larger, better and earlier form of Tom Thumb, having blue seed. It is remarkably dwarf, very early, a capital bearer, and of excellent quality.....	Per ½ pint packet, 25 cts..	75c.	5 00
McLean's Advancer. An early, green wrinkled variety, of delicious flavor; 2 feet.....	40c.	2 25	8 00
Tom Thumb. Remarkably dwarf and early, of excellent quality, and yields abundantly; 1 foot.....	40c.	2 50	9 00

PEAS—Continued.

	Per qt.	Peck.	Bush.
Laxton's Alpha. Extra early, blue wrinkled marrow Pea, of fine quality, and very prolific; pods large and well filled; 3 feet.....	50c.	\$3 00	\$10 00

Second Early Varieties.

Laxton's Prolific Long-Pod. A very productive variety, with long pods, containing from 11 to 12 Peas each; 4 feet....	40c.	2 25	8 00
McLean's Wonderful. A dwarf, early wrinkled marrow, of delicious flavor; 3 feet.....	50c.	3 00	10 00
Dwarf Waterloo. An excellent second early dwarf Pea, producing long well-filled pods; 1 to 1½ feet.....	50c.	3 00	10 00
Eugenie. White wrinkled; an excellent cropper; 3 feet.....	40c.	2 00	7 00
Yorkshire Hero. A splendid wrinkled marrow, of branching habit, and an abundant bearer, 2½ feet.....	40c.	2 25	8 00

For General Crop.

Champion of England. One of the best and most popular Peas in cultivation; 5 feet.....	30c.	1 75	6 00
McLean's Premier. A first class Pea, of medium height, an abundant cropper, and of excellent quality.....	40c.	2 50	9 00
Blue Imperial. A good bearer, and of fine flavor; 3 feet.....	30c.	1 75	6 00
Hair's Dwarf Mammoth. One of the richest-flavored and best late varieties; 2½ feet.....	40c.	2 25	8 00
Veitch's Perfection. A large and delicious marrow Pea, and an abundant cropper; 4 feet.....	40c.	2 25	8 00
British Queen. One of the best and most productive of the tall wrinkled marrows, of delicious flavor; 6 feet.....	40c.	2 50	9 00
White Marrowfat. A favorite market sort; 6 feet.....	25c.	1 25	4 00
Black-Eyed Marrowfat. This, as well as the preceding, is extensively grown as a field Pea; hardy and productive; 4 feet.....	20c.	1 00	3 00
Tall Sugar. The young pods are tender and well-flavored, of good quality as a shell Pea; 5 feet.....	60c.	4 00	14 00
Dwarf Sugar. Edible pods, of good quality shelled; 3 feet....	50c.	3 50	12 00

PEPPER.

German, *Pfeffer*.—French, *Piment*.—Spanish, *Pimiento*.

Grown largely for Pickles. Sow in hot-bed early in April, and transplant to the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows eighteen inches apart. They may also be sown in the open ground when danger of frost is passed, and the soil is warm and settled.

	Per oz.	¼ lb.	Lb.
Large Bell, or Bull Nose. An early variety, of mild flavor; rind thick and fleshy. It is a favorite sort both for pickling and for use in the crude state.....	40c.	\$1 25	\$4 00
Sweet Mountain, or Mammoth. Similar to the preceding in shape and color, but much larger, and milder in flavor, used to make stuffed pickles.....	40c.	1 25	4 00
Squash, or Tomato-Shaped. The sort most generally grown for pickling; very productive; the leading market variety.....	40c.	1 25	4 00
Sweet Spanish. One of the largest and earliest varieties; the flesh is sweet, mild, and pleasant.....	40c.	1 25	4 00
Cayenne. The variety of commerce; pods small, cone-shaped; coral red when ripe. It is quite a late variety, but the pods are as often used for pickling green as when ripe; extremely acrid.....	50c.	1 50	5 00
Chili, (true.) Pods about one inch in length, bright red when ripe, very prolific bearer, very piquant.....	50c.	1 50	5 00
Cherry Red. An exceedingly ornamental variety; fruit erect, round, of a rich glossy scarlet color; remarkable for its intense piquancy.....	40c.	1 25	4 00
Long Red. Fruit brilliant coral red, conical, from three to four inches in length, very productive.....	40c.	1 25	4 00
Long Yellow. Similar in shape to the Long Red, but of a rich glossy yellow, both varieties are very ornamental.....	40c.	1 25	4 00

POTATO.German, *Kartoffel*.—French, *Pomme de Terre*.

The Potato, like all robust-growing vegetables, can be grown with varying success on soils of all kinds, and in all conditions of fertility, but the soil best suited to it is a sandy loam. In all heavy soils it is more subject to disease, and the flavor is also much inferior. In breaking up good pasture land, the decaying sod answers sufficiently well for the first year in lieu of manure. Manure is applied either in rows or hills, or broadcast over the hills, and plowed in, the latter in most cases being preferable. If the soil is good, but little manure is required. In highly enriched soil, the plants are more liable to disease than when grown in soil that is naturally good. The best fertilizers are those of a dry or absorbent nature, as plaster, lime, super-phosphate of lime, and bone dust. For wet soils, these are particularly beneficial as they not only promote growth, but prevent disease. Plant as early in spring as the ground can be had in fair working order, in hills or ridges, about three feet apart; covering, in light warm soils, about four inches deep, but in cold, wet situations, two and a half or three inches will be sufficient.

Prices subject to variation.

	Per Peck.	Bush.	Bbl.
Early Rose. A universal favorite, one of the very best yet introduced	\$0 75	\$2 00	\$5 00
Early Goodrich. An early and productive variety of good quality	75	2 00	5 00
King of the Earlies. A very early variety, productive and of excellent quality	1 00	3 00	6 00
Jackson White. An excellent flavored variety, extensively grown for second crop	75	2 00	5 00
Peachblow, (Jersey.) Extensively grown for market, and a favorite shipping variety, very productive, and of superior quality	75	2 00	5 00
White Peachblow. Flesh white, floury, of most excellent quality; cannot be too strongly recommended; a first rate market variety	75	2 00	5 00
Peerless. Grows to a large size, often weighing from one-and-a-half to two pounds, and enormously productive	75	2 00	5 00
Late Rose. Ripens two or three weeks later than the Early Rose. It is more productive, hardier, and a better keeper than that variety, retaining its good quality till new potatoes come in	75	2 00	5 00

New Varieties of Potatoes.

Eureka. This seedling resulted from a seed-ball grown on an Excelsior potato-vine blossom fertilized with pollen from the White Peachblow; vines of strong and vigorous growth; tubers of a good medium and uniform size; shape, elongated oval, somewhat flattened, very symmetrical and uniformly handsome in appearance; eyes few, exceedingly small, and very nearly level and flat; skin white and fair; season second early, medium, or between very early and medium late. Its flesh is exceedingly fine-grained, white, and when boiled or baked, mealy and of excellent flavor, cooking through uniformly without any fault at the centre. Certainly an acquisition among the white varieties, well worthy of further trial in different sections.

Price.—Per pound, \$1; three pounds to one address, \$2, by mail, prepaid; by express or freight, charges paid by purchaser, $\frac{1}{2}$ peck, \$3; 1 peck, \$5; $\frac{1}{2}$ bushel, \$8; 1 bushel, \$15; 1 barrel, \$35.

The Snowflake. This new variety has been thoroughly tested, both in this country and in Europe, the past season, and we have yet to learn of the first instance where it has failed to give entire satisfaction. It is one of the earliest varieties, ripening about the same time as the Early Rose. The tubers are of a good medium and uniform size. Its flesh is of exceedingly fine grain, snow-white when boiled, and of a lightness and porosity almost approaching a snowflake. In quality, we do not hesitate to say nothing can surpass this new variety; its mealiness, its pure, delicate flavor, and the evenness with which it cooks through, have never been eclipsed by any Potato. The tubers are compactly clustered around the base of the stalks—an important consideration in digging the crop. The variety has been tested on widely varying soils—sand, gravel, loam, as well as heavy clay—and has, in every case, given the same favorable results, and produced a yield of from 300 to 400 bushels per acre. In every case it has proved healthy and hardy, while other varieties alongside of it failed to give satisfactory results.

Price.—Per pound, \$1; 3 pounds to one address, \$2, by mail, prepaid. By express or freight, charges paid by the purchaser, $\frac{1}{2}$ peck, \$3; 1 peck, \$5; $\frac{1}{2}$ bushel, \$8; 1 bushel, \$15; 1 barrel, \$35.

POTATO—Continued.

Extra Early Vermont. The superior merits of this variety, may now be considered as fully established. It has been largely cultivated over every section of the country, the past season, and has fully sustained its previous high reputation. Its superior cooking and eating qualities are unanimously commended, as well as its compact growth in the hill, and its freedom from disease, and with the thousands of cultivators who have grown it alongside the Early Rose, there seems to be no doubt left, that in *quality, hardness, earliness and yield, it far surpasses that celebrated variety.*

Prices:—By mail, post-paid, three pounds, \$1. By express or freight, charges paid by purchaser, 1 peck, \$2; $\frac{1}{2}$ bushel, \$3; 1 bushel, \$4 50; 1 barrel, \$7 00.

Brownell's Beauty. This variety was obtained by fertilizing the blossom of the Early Rose with the pollen of the White Peach Blow, and possesses, in addition to the excellent qualities of these two popular and well-known varieties, that of being, without exception, the handsomest Potato in cultivation, and a most excellent keeper, which will make it particularly valuable for shipping purposes. Its beautiful appearance, fine quality, extraordinary productiveness and remarkable keeping qualities will render it a most valuable variety for the market.

Prices:—Three pounds for \$1, by mail to one address, postpaid. By express or freight, charges to be paid by the purchaser, 1 peck, \$1 50; $\frac{1}{2}$ bushel, \$2 50; 1 bushel, \$4; 1 barrel, \$8.

Compton's Surprise.—This is a late variety, ripening with the Peachblow. It is believed to be much the most abundant in starch of any variety extant. It retains its quality perfectly throughout the year, appearing on the table like a ball of flour. The high quality of this Potato late in Spring may, perhaps, be owing to its tardiness in sprouting, remaining plump and free from sprouts when kept until June, and never having that wilted appearance common to early sorts.

Prices:—Three pounds, \$1, by mail, prepaid; by express or freight, charges paid by the purchaser, 1 peck, \$2; $\frac{1}{2}$ bushel, \$3; 1 bushel, \$4 50; 1 barrel, \$9.

PUMPKIN.

German, *Kürbis*.—French, *Courge*.—Spanish, *Calabaza*.

Pumpkins are now principally cultivated for agricultural purposes. They are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow first of May, in hills eight feet apart.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Large Cheese. The best variety for cooking purposes.....	10c.	\$0 25	\$0 60
Large Tours, or Mammoth. Grows to an immense size, often weighing over one hundred pounds.....	30c.	1 00	3 00
Connecticut Field. Very productive; largely grown for feeding stock.....	5c.	15	40

RADISH.

German, *Rettig, Radieschen*.—French, *Radis, Rave, Petit Rave*.—Spanish, *Rabano*.

Radishes thrive best in a light, rich, sandy loam; heavy or clayey soils not only delay their maturity, but produce crops much inferior, both in appearance and flavor. For a successive supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply, they may be sown on a gentle hot-bed in February.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Long Scarlet Short Top. The standard variety for market and private gardens.....	10c.	25	85
Scarlet Turnip. Rather more delicate in flavor than the above, excellent for summer use.....	10c.	25	85
White Turnip. A sub-variety of the preceding, excellent for summer use; stands heat well, and of mild flavor.....	15c.	40	\$1 25
Yellow Turnip. Grows to a large size, excellent to stand the heat and drought of summer.....	15c.	40	1 25
French Breakfast. A variety of quick growth, very mild and tender; one of the best for forcing.....	10c.	30	1 00
Olive-Shaped Scarlet. Oblong shaped, flesh rose-colored, tender and excellent.....	10c.	30	1 00
Rose-Colored China Winter. Bright rose-color, flesh firm and piquant; excellent for winter use.....	20c.	60	2 00
White China Winter. Same as above, except in color.....	30c.	\$1 00	3 00
Black Spanish. Skin rough and nearly black, flesh pungent, solid, and white; one of the hardiest and best for winter use.....	10c.	30	1 00
White Spanish. Differing in color, and rather milder in flavor than the foregoing.....	10c.	30	1 00

RADISH—*Continued.*

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Californian Mammoth White Radish. A giant white-fleshed fall Radish, largely used in the Chinese market at San Francisco. It grows from eight to twelve inches in length and about two-and-a-half in diameter, the flesh being solid, tender, and of very good flavor; which is maintained for many weeks after gathering.....	30c.	1 00	\$3 00
Raphanus Caudatus, or Rat-tail Radish. This remarkable vegetable produces in a short time pods from two to three feet long, which may be used either boiled, as a salad, or in pickles. The pods, either cooked or uncooked, should be used when about half grown, when they have a most agreeable flavor. <i>Per packet, 10 cents; per ounce 50 cents.</i>			

RHUBARB.

German, *Rhabarber*.—French, *Rhubarbe*.—Spanish, *Ruibarbo Bastardo*.

Sow in April, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall, or the following spring, transplant into deep, rich soil, about three feet apart each way. If propagated by dividing the roots, it may be done either in fall or spring, planting at the same distance apart, as given above.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Linnaeus. Early, large, and tender.....	25c.	75	\$2 00
Victoria. Very large; later than Linnaeus.....	25c.	75	2 00
Roots 25 cents each, \$2 per dozen. By mail, 35 cents each, \$3 per dozen.			

SALSIFY, or OYSTER PLANT.

German, *Bocksbart*.—French, *Salsifis*.—Spanish, *Ostra Vegetal*.

The Oyster Plant succeeds best in light, well-enriched, mellow soil, which previos to sowing the seeds, should be stirred to a depth of eighteen inches. Sow early in spring, in drills fifteen inches apart; cover the seeds with fine soil, an inch and a half in depth, and when the plants are strong enough, thin out to six inches apart. Per oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1 25.

SEA-KALE.

German, *Seekohl*, *Meerkohl*.—French, *Crambe Maritime*.—Spanish, *Breton de Mar*.

Cultivated for its blanched shoots, which are cooked as Asparagus. A supply may be had all winter by planting the roots closely in a warm cellar before frost. Sow one inch deep, in drills two feet apart, thin out to six inches, and the next spring plant in hills three feet apart, three plants in each. Per oz., 30c.; $\frac{1}{4}$ lb., \$1; lb., 3.

SPINACH.

German, *Spinat*.—French, *Epinard*.—Spanish, *Espinaca*.

This is a very important crop in our market gardens; it is one of the most easily managed of all vegetables, requiring but little culture, and may be had fit for use the entire season. The main crop is sown in September; it is sometimes covered up, in exposed places, with straw or salt hay during winter, which prevents it from being cut with the frost; but in sheltered fields here, there is no necessity for covering. For summer use, it may be sown at intervals of two or three weeks, from April till August. Spinach is best developed, and most tender and succulent, when grown in rich soil.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Round. The main market sort; equally good for spring or fall sowing.....	10c.	20c.	50
Prickly. Stands well in winter, but gives less bulk per acre than the first-named.....	10c.	20c.	60
Flanders. A very productive variety, with large broad leaves, quite hardy.....	10c.	20c.	60
New Zealand. A useful and excellent vegetable; produces leaves in great abundance throughout the summer; should be raised in heat, and transplanted three feet apart each way, into light, rich soil.....	15c.	50c.	\$1 50

SQUASH.

German, *Kürbiss*.—French, *Courge*.—Spanish, *Calabasa Tontanera*.

Squashes are of luxuriant and vigorous growth, and although they will grow readily on almost any soil, they will well repay generous treatment. Like all vegetables of this class, it is useless to sow until the weather has become settled and warm. Light soils are best suited for their growth, and it is most economical of manure to prepare hills for the seeds in ordinary manner, by incorporating two or three shovelful of well-rotted manure with the soil, for each hill. For the bush varieties, from three to four feet each way, and for the running sorts, from six to eight feet. Eight or ten seeds should be sown in each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Yellow Bush Scollopel. An early market variety, excellent for shipping.....	10c.	30	\$1 00
White Bush Scolloped. A sub-variety of the above, principally differing in color.....	10c.	30	1 00
Bush Summer Crook-Neck. Early, productive, and of good quality; fruit, orange-yellow, covered with warty excrescences.....	10c.	30	1 00
Boston Marrow. A much-esteemed variety, coming in about ten days later than the bush and crook-neck sorts. A good keeper, and of unsurpassed flavor.....	15c.	50	1 50
Hubbard. A general favorite, and more largely grown as a late sort than the other; of large size; flesh fine-grained, dry, and of excellent flavor.....	20c.	60	2 00
Marblehead. An excellent new variety, resembling the Hubbard. The flesh is of rather lighter color than that variety, while its combination of sweetness, dryness, and delicious flavor is remarkable. It yields equal to the Hubbard, and its keeping qualities are said to be better.....	25c.	75	2 50
Mammoth Chili. Grows to a large size, often weighing over two hundred pounds; excellent for pies or stock.....	40c.	\$1 25	4 00
Winter Crook-Neck. A variety largely grown in some of the Eastern States; flesh close-grained, sweet, and fine-flavored; plant in hills nine feet apart.....	10c.	30	1 00
Turban, or Turk's Cap. Flesh orange-yellow, thick, fine-grained and well flavored; an excellent variety for use in the fall and early winter.....	30c.	1 00	3 00
Yokohama. Flesh of a deep orange color, very finely flavored, sweet and dry, very fine grained, and without any fibre. It is excellent stewed, and when baked it much resembles a Sweet Potato in flesh and flavor, and is superior to any Pumpkin for pies.....	30c.	1 00	3 00
Vegetable Marrow. A favorite English sort; skin greenish yellow; flesh white, soft, and of rich flavor; quite distinct from all the preceding.....	25c.	80	3 00

TOBACCO SEED.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Connecticut Seed Leaf	40c.	\$1 25	\$4 00
Imported Havana	75c.	2 50	8 00
Virginia	40c.	1 50	5 00
Kentucky	50c.	1 75	6 00

TOMATO.

German, *Liebesapfel*.—French, *Tomate*.—Spanish, *Tomate*.

This delicious vegetable is one of the most important of all garden products. The seed should be sown in a hot-bed about the first week in March, in drills five inches apart, and half an inch deep. When the plants are about two inches high they should be set out four or five inches apart in another hot-bed, or removed into small pots, allowing a single plant to a pot; they are sometimes transplanted a second time into larger pots, by which process the plants are rendered more sturdy and branching. About the middle of May the plants may be set in the open ground; they are planted, for early crops, on light, sandy soil, at a distance of three feet apart, in hills, in which a good shovelful of rotted manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun for a few days until the plants are established. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower-pot, and placing it in a sunny window of the sitting room or kitchen.

TOMATO—*Continued.*

The Trophy, Head-Quarters Seed. From selected fruits. Per packet, 25c.; per oz., \$1; $\frac{1}{4}$ lb., \$3; lb., \$10.

Extra selected seed, 50 cents per packet.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
New-York Market. One of the earliest, large, smooth, solid and productive	40c.	\$1 25	\$4 00
Early Smooth Red. Very smooth and round; an excellent market variety	30c.	1 00	3 00
Arlington. Fruit uniformly large, perfect in form, usually round, but sometimes oblong, free from ridges and inequalities; color, bright clear red. It is very prolific and of fine flavor	60c.	2 00	7 00
General Grant. A very superior variety; fruit large, of good quality, and ripens rapidly and thoroughly	30c.	1 00	3 00
Hathaway's Excelsior. Early, of medium size, smooth, very solid, and of excellent quality	50c.	1 50	5 00
Canada Victor. A remarkably early variety, of medium size, very symmetrical in shape, solid, ripening thoroughly around the stem, and a first-rate cropper Per pkt., 15c.	60c.	2 00	7 00
Cook's Favorite. One of the best for general culture; solid and productive	30c.	1 00	3 00
Keyes' Prolific. A productive early variety of good quality	30c.	1 00	3 00
Hubbard's Curled Leaf. One of the earliest, size medium, slightly ribbed, of very dwarf habit; the foliage is considerably curled, from which it derives its name	30c.	1 00	3 00
Feejee Island, (Lester's Perfected.) Fruit very large, light red or pinkish color, very solid and well-flavored; a good late sort	30c.	1 00	3 00
Large Yellow. Similar in all respects to the large smooth red, except in color, which is of a bright yellow	40c.	1 25	4 00
Pear-Shaped. Used for preserving and pickling	40c.	1 25	4 00
Yellow Plum. A beautiful variety; used principally for pickling.	40c.	1 25	4 00
Red Cherry. A small early variety, size and shape of a cherry; for pickling	40c.	1 25	4 00
Tomato De Lave. A variety of upright growth, quite distinct from all others; excellent for growing in pots, as it requires no support; fruit of good quality. Per packet, 10c.; per ounce, \$1.			
Strawberry, or Winter Cherry. A distinct species; the fruit has a pleasant, strawberry-like flavor, and is esteemed by many, served in its natural state at the table as a dessert. Per packet, 10c.; per ounce, 50c.			

TURNIP.

German, *Steckrube*.—French, *Navet*.—Spanish, *Nabo Comun*.

Turnips do best on highly-enriched, light, sandy or gravelly soils; commence sowing the earliest varieties in April in drills, from twelve to fifteen inches apart, and thin out early to six or nine inches in the rows. For a succession, sow at intervals of a fortnight, until the last week in July, from which time until the end of August, sowings may be made for the fall and main crops. Turnips may be preserved until spring, by cutting off the tops about one inch from the bulb, and storing in a cellar or cool shed during winter, covering the roots with dry sand; they should be harvested before severe frost sets in, for though comparatively very hardy, few of the varieties will survive the winters of the Northern States in the open ground.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Early Flat Dutch. Very useful variety for first crop	10c.	25	75
White Top Strap-Leaf. Quick in growth; of excellent quality.	10c.	25	75
Red Top Strap-Leaf. One of the best varieties for general use	10c.	25	75
Golden Ball. An excellent table Turnip, of unsurpassed flavor.	10c.	25	75
Cow-Horn. A superior variety, very productive, and of good quality	10c.	25	75
Yellow Globe. One of the best for general crop, either for table use or stock	10c.	30	\$1 00
Yellow Finland. An excellent early table variety, flesh tender, close-grained and sweet	20c.	60	2 00
Yellow Malta. A good early garden variety; one of the best of the yellows for summer use	10c.	30	1 00
Large White Norfolk. A large late variety; very desirable for feeding stock	10c.	25	75

TURNIP—*Continued.*

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Teltow, or Small Berlin. The smallest of Turnips; much esteemed on account of its excellent qualities.....	10c.	30	1 00
Yellow Aberdeen. An excellent hardy variety, keeping well through the winter.....	10c.	25	75

TURNIP (Ruta Baga.)

The Ruta Baga, Swedish, or Russian Turnip, is extensively grown for a farm crop; the roots are close-grained, very hard, and will endure a considerable degree of cold without injury. The roots are best preserved in a pit or cellar during the winter, and are excellent for the table early in spring. Sow from the 20th of June to the 1st of July, in drills two feet apart, and thin out to eight or ten inches.

	Per oz.	$\frac{1}{4}$ lb.	Lb.
Improved American. The leading variety; flesh very solid and of fine quality; valuable both for the table and for feeding stock.....	10c.	25	75
Skirving's Purple Top. An improved purple-topped variety, of large size.....	10c.	25	75
Laing's Improved. A rather late variety, but in good land giving enormous crops.....	10c.	25	75
Shamrock Swede. Said to be the best purple top Swede in cultivation.....	10c.	25	75
Carter's Imperial Swede. A new English variety, recommended as being very hardy and productive.....	10c.	25	75
Long White French. The roots of this variety are produced entirely under ground. An excellent sort either for the table or for stock.....	10c.	25	75
Sweet German. An excellent variety for the table, flesh white, solid, and of good flavor; keeps well until spring.....	10c.	25	75

SWEET AND POT HERBS,

No garden is complete without a few sweet, aromatic, or medicinal herbs, for flavoring soups, etc., and care should be taken to harvest them properly. This should be done on a dry day, just before they come in full blossom, then dried quickly and packed closely, entirely excluded from the air. Sow in Spring, in shallow drills one foot apart; and when well up, thin out or transplant a few inches asunder.

		Per pkt.	Per oz.
Anise	<i>Pimpinella anisum</i>	5c.	\$ 15
Balm	<i>Melissa officinalis</i>	10c.	50
Basil (Sweet)	<i>Ocymum basilicum</i>	10c.	50
Bene	<i>Sesamum orientale</i>	5c.	20
Borage	<i>Borago officinalis</i>	5c.	25
Carraway	<i>Carum carin</i>	5c.	15
Castor Oil Plant	<i>Ricinus communis</i>	5c.	15
Coriander	<i>Coriandrum sativum</i>	5c.	15
Dill	<i>Anethum graveolens</i>	5c.	15
Fennel	<i>Anethum feniculum</i>	5c.	15
Horchound	<i>Marrubium vulgare</i>	10c.	50
Hyssop	<i>Hyssopus officinalis</i>	10c.	40
Lavender	<i>Lavendula spica</i>	10c.	40
Marjoram (Sweet)	<i>Origanum marjorana</i>	10c.	40
Opium Poppy	<i>Papaver somniferum</i>	5c.	30
Rosemary	<i>Rosmarinus officinalis</i>	10c.	50
Rue	<i>Ruta graveolens</i>	10c.	40
Saffron	<i>Carthamus tinctorius</i>	5c.	15
Sage	<i>Salvia officinalis</i>	Per lb., \$2	5c.
Summer Savory	<i>Saturjea hortensis</i>	5c.	25
Sorrel (Broad-leaved)	<i>Rumex acetosa</i>	Per lb., \$1	5c.
Thyme (Broad-leaved)	<i>Thymus vulgaris</i>	Per lb., \$4	10c.
Wormwood	<i>Artemisia absinthium</i>	10c.	50

One Year's Supply of Vegetable Seeds,

FOR LARGE OR SMALL GARDENS.

These Collections cannot be forwarded by mail.

To those who are not conversant with the different varieties of Vegetable Seeds, or may not have the time or inclination to make their own selections, we offer the following collections, which contain only the most approved and desirable kinds in each class. They are made up in the most liberal manner, care having been taken to give a large quantity of the best and most useful varieties in each section. The quantities are arranged to suit the requirements of those having large or small gardens:

ARTICLES.	No. 1. Price \$25, contains :	No. 2. Price \$20, contains :	No. 3. Price \$15, contains :	No. 4. Price \$10, contains :	No. 5. Price \$5, contains :
Beans—					
Early Valentine.....	1 quart.	1 quart.	1 quart.	1 pint.	1 pint.
Early Mohawk.....	1 "				
Refugee, or 1,000 to 1.....	1 "	1 "	1 "	1 "	1 "
Black Wax.....	1 "	1 "	1 pint.	1 "	
Large Lima, Pole.....	1 "	1 "	1 quart.	1 "	1 "
Horticultural, Pole.....	1 "	1 "	1 pint.	1 "	
Beet—					
Early Blood Turnip.....	2 ounces.	1 ounce.	1 ounce.	1 ounce.	1 ounce.
Bassano.....	2 "	2 "	1 "	1 "	
Dewing's Improved.....	4 "	4 "	2 "	2 "	1 "
Long Blood.....	4 "	4 "	4 "	2 "	1 "
Borecole, or Kale—					
Green Curled Scotch.....	2 "	1 "	1 "	$\frac{1}{2}$ "	1 packet.
Broccoli—					
Early White Cape.....	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{4}$ "	1 "
Walcheren.....	1 "	1 "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ ounce.
Brussels Sprouts—	2 "	2 "	1 "	1 "	$\frac{1}{2}$ "
Cabbage—					
Early Jersey Wakefield.....	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	1 packet.
Early York.....	2 "	1 "	1 "	$\frac{1}{2}$ "	$\frac{1}{2}$ ounce.
Early Winningstadt.....	2 "	2 "	1 "	$\frac{1}{2}$ "	
Premium Flat Dutch.....	2 "	2 "	1 "	1 "	$\frac{1}{2}$ "
Drumhead Savoy.....	2 "	2 "	1 "	$\frac{1}{2}$ "	$\frac{1}{4}$ "
Cauliflower—					
Extra Early Paris.....	$\frac{1}{2}$ "	$\frac{1}{4}$ "	1 packet.	1 packet.	1 packet.
Early London.....	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{4}$ ounce.	1 "	
Carrot—					
Early Horn.....	4 "	2 "	2 "	1 ounce.	1 ounce.
Long Orange.....	4 "	4 "	2 "	2 "	1 "
Celery—					
Henderson's Dwarf.....	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{4}$ "	1 packet.
White Solid.....	1 "	1 "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	1 "
Corn—					
Crosby's Early Sugar.....	1 quart.	1 quart.	1 quart.	1 pint.	1 pint.
Early Eight Rowed.....	2 "	1 "	1 "	1 "	1 "
Stowell's Evergreen.....	2 "	2 "	1 "	1 quart.	1 "
Cucumber—					
Extra Early Russian.....	1 ounce.	1 ounce	1 ounce.		
Early White Spine.....	2 "	2 "	1 "	1 ounce.	$\frac{1}{2}$ ounce.
Long Green.....	2 "	1 "	1 "	1 "	$\frac{1}{2}$ "
Egg Plant—					
New York Improved.....	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{4}$ "	1 packet.
Endive—					
Green Curled.....	1 "	1 "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	

ONE YEAR'S SUPPLY OF VEGETABLE SEEDS—Continued.

ARTICLES.	No. 1. Price \$25, contains:	No. 2. Price \$20, contains:	No. 3. Price \$15, contains:	No. 4. Price \$10, contains:	No. 5. Price \$5, contains:
Leek—					
Large London Flag	1 ounce.	1 ounce.	1 ounce.	$\frac{1}{2}$ ounce.	1 packet.
Lettuce—					
Early Curled Simpson.	1 "	1 "	1 "	$\frac{1}{2}$ "	$\frac{1}{2}$ ounce.
Boston Market.	1 "	1 "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{4}$ "
Drumhead, or Malta.	2 "	1 "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{4}$ "
Melon (Musk)—					
Nutmeg	2 "	1 "	1 "	$\frac{1}{2}$ "	1 packet.
Green Citron.	2 "	2 "	1 "	1 "	1 "
Melon (Water)—					
Mountain Sprout.	2 "	1 "	1 "	$\frac{1}{2}$ "	1 "
Black Spanish.	2 "	2 "	1 "	1 "	1 "
Onion—					
Large Red Wethersfield.	4 "	2 "	2 "	1 "	$\frac{1}{2}$ ounce.
Yellow Dutch.	2 "	2 "	1 "	1 "	$\frac{1}{2}$ "
White Portugal.	2 "	2 "	1 "	$\frac{1}{2}$ "	$\frac{1}{2}$ "
Okra or Gumbo.	2 "	1 "	1 "	$\frac{1}{2}$ "	
Parsley—					
Extra Double Curled.	2 "	2 "	1 "	1 "	$\frac{1}{2}$ "
Parsnip—					
Long Smooth	8 "	4 "	4 "	2 "	1 "
Peas—					
Carter's First Crop.	2 quarts.	2 quarts.	1 quart.	2 pints.	1 pint.
Blue Imperial.	2 "	1 "	1 "	1 "	1 "
McLean's Advancer.	2 "	1 pint.	1 pint.		
Eugenie.	2 "	1 quart.	1 quart.	1 "	
Champion of England.	2 "	2 "	2 "	2 "	1 "
Black-eyed Marrowfat.	2 "	2 "	1 "	2 "	1 "
Pepper—					
Large Bell.	$\frac{1}{2}$ ounce.	$\frac{1}{4}$ ounce.	$\frac{1}{4}$ ounce.	1 packet.	1 packet.
Sweet Spanish.	$\frac{1}{2}$ "	$\frac{1}{4}$ "	1 packet.	1 "	
Radish—					
Long Scarlet Short-Top.	4 "	4 "	2 ounces.	2 ounces.	1 ounce.
Scarlet Turnip.	4 "	2 "	2 "	1 "	1 "
French Breakfast.	2 "	2 "	2 "	1 "	
Rose-Colored Chinese Winter.	1 "	1 "	1 "		
Salsify, or Oyster Plant—	4 "	3 "	2 "	1 "	$\frac{1}{2}$ "
Spinach—					
Round Leaf.	8 "	4 "	4 "	2 "	1 "
Prickly	4 "	4 "	2 "	2 "	1 "
Squash—					
Early Bush Scolloped	2 "	2 "	2 "	1 "	1 "
Boston Marrow.	2 "	2 "	1 "	1 "	$\frac{1}{2}$ "
Hubbard	2 "	1 "	1 "	$\frac{1}{2}$ "	
Tomato—					
The Trophy.	1 "	1 "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	1 packet.
New York Market.	1 "	$\frac{1}{2}$ "	$\frac{1}{2}$ "		
Feejee Island	1 "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{1}{4}$ ounce.
Turnip—					
Early White Strap-Leaf.	4 "	4 "	2 "		
Red Top Strap-Leaf.	4 "	4 "	2 "	2 "	1 "
Improv'd American Ruta Baga	8 "	4 "	4 "	2 "	1 "
Herbs, best varieties	6 packets.	5 packets.	4 packets.	3 packets.	2 packets.

Grass Seeds for Lawns, etc.

THE preparation for laying down lawns is too often hastily and imperfectly made. The first point is to get the ground shaped to the desired grade, taking care in grading that when hills are removed, sufficient sub-soil is also removed to be replaced with top-soil, so that at least six inches of good soil will overlay the whole in all places. When the grading is finished, drains should be laid wherever necessary; then the whole should be thoroughly plowed, a sub-soil following in the wake of the common plow, until it is completely pulverized. A heavy harrow should then be applied until the surface is thoroughly fined down; all stones, roots, etc., should be removed, so that a smooth surface may be obtained. The lawn is now ready to be sown. When the seed is sown, a light harrow should again be applied, and after that a thorough rolling given, so that the surface is made as smooth as possible. In the latitude of New-York the seed may be sown any time during the months of April and May, and will form a good lawn by August, if the preparation has been good. If sown in the hot months of June or July, a sprinkling of oats should be sown at the same time, so that the shade given by the oats will protect the young grass from the sun. Lawns are also sometimes sown during the early Fall months with excellent results. For small plots, of course, digging, trenching and raking must be done, instead of plowing, subsoiling and harrowing.

	Per qt.	Per bush.
Lawn Grass. Finest mixed. This mixture is composed of choice selected grasses, of neat, compact growth, and will produce a fine sward.....	25c.	\$5 00
Lawn Grass. Second quality, fine mixed.....	20c.	4 00

(For forming new lawns, about four bushels per acre are required.)

VARIOUS GRASSES.

(Prices may vary slightly as the season advances.)

	Per qt.	Per bush.
Red-Top Grass, (<i>Agrostis Vulgaris</i>.) Valuable as a mixture in either pasture or lawn grasses, succeeds well in almost any soil.....	15c.	\$2 00
Kentucky Blue Grass, (<i>Poa Pratensis</i>.) Also known as June grass; a valuable variety for lawns when mixed with other grasses; thrives best in dry soils, and retains its verdure during the hottest weather. Extra clean seed. 14 lbs to the bushel.....	15c.	3 00
Creeping Bent Grass, (<i>Agrostis Stolonifera</i>.) An excellent variety for lawns, succeeding well in moist situations.....	20c.	4 00
Rhode Island Bent Grass, (<i>Agrostis var.</i>) One of the finest of grasses for lawns when sown alone.....	20c.	4 00
Orchard Grass, (<i>Dactylis Glomerata</i>.) One of the most desirable of all pasture grasses; especially valuable for grazing stock.....	15c.	3 00
Timothy, or Herd Grass, (<i>Phleum Pratense</i>.) This well-known variety is extensively grown throughout the country. It will produce a larger crop, and is said to contain more nutriment than any other kind.....	20c.	4 00
Sweet Vernal Grass, (<i>Anthoxanthum Odoratum</i>.) Useful as a mixture with other grasses, on account of its early growth. It emits an agreeable odor when cut for hay.....	Per lb. 50c.	
Meadow Foxtail, (<i>Alopecurus Pratensis</i>.) One of the most desirable of all grasses for permanent pasture, being early and rapid in growth. It thrives best on rich, moist soils.....	60c.	
Tall Meadow Oat Grass, (<i>Avena Elatior</i>.) Is highly recommended for soiling, being rapid and luxuriant in its growth.....	—	4 00
Yellow Oat Grass, (<i>Avena Flavescens</i>.) Good for dry pastures and meadows.....	—	5 00
Wood Meadow Grass, (<i>Poa Nemoralis</i>.) Well adapted for either pastures or pleasure grounds, having a pure, succulent and nutritive herbage, of early growth, and thriving well under trees....	60c.	
Rough-stalked Meadow Grass, (<i>Poa Trivialis</i>.) Valuable for pastures and meadows, particularly on damp soils and sheltered situations, producing a constant supply of nutritive herbage, greatly liked by cattle.....	50c.	

VARIOUS GRASSES—Continued.

Per lb. Per bush.

Hard Fescue, (<i>Festuca Duriuscula</i> .) One of the finest of dwarf-growing grasses, thriving well in dry situations.....	30c.	
Meadow Fescue, (<i>Festuca Pratensis</i> .) A valuable variety for permanent pastures.....	50c.	
Sheep's Fescue, (<i>Festuca Ovina</i> .) Excellent for sheep pastures; is short and dense in growth, making it valuable for grass plots...	30c.	
English Rye Grass, (<i>Lolium Perenne</i> .) A very nutritious and valuable grass for meadows and permanent pastures.....	—	\$3 50
Italian Rye Grass, (<i>Lolium Italicum</i> .) A valuable European variety, thriving in any soil, and yielding early and abundant crops.....	—	3 50
Bromus Schraderi, or Rescue Grass. Is valuable for pastures, being hardy, productive and of rapid growth.....	50c.	
Hungarian Grass, (<i>Panicum Germanicum</i> .) Is a valuable annual forage plant.....	—	3 00

CLOVERS.

(Subject to slight variations in price.)

Per lb.

Red Clover, Medium, (<i>Trifolium Pratense</i> .).....	15c.
Red Clover, Large or Pea Vine.....	18c.
White Clover, (<i>Trifolium Repens</i> .).....	60c.
Lucerne, or French Clover, (<i>Medicago Sativa</i> .).....	50c.
Alsike, or Hybrid Clover, (<i>Trifolium Hybridum</i> .).....	60c.
Italian Clover, (<i>Trifolium Incarnatum</i> .) Scarlet; sow in July for soiling or mowing before winter.....	60c.
Bokhara Clover, (<i>Melilotus Leucantha</i> .) Affords excellent feed for bees throughout its season.....	75c.
Trefoil, Yellow, (<i>Medicago Lupulina</i> .) Hop clover.....	75c.

BIRD SEEDS.

(Prices variable.)

Per lb. Per qt. Per bush.

Canary, (<i>Best Sicily</i> .) Very scarce this season. <i>Phalaris canariensis</i>	—	30c.	\$8 00
Hemp.....	—	20c.	4 00
Maw.....	30c.		
Millet.....	—	20c.	4 00
Rape.....	—	30c.	6 00
Mixed Bird Seed.....	—	25c.	5 00

GRAINS.

(These prices subject to variation.)

Spring Wheats.

Per bush.

China Spring Wheat.....	\$4 00
Mediterranean Spring Wheat.....	3 50

Winter Wheats.

Seneca, or Clauson.....	3 00
Treadwell.....	3 00
Boughton.....	3 50
Diehl.....	3 00
Red Mediterranean.....	3 00

Oats.

Per bush.

White Poland.....	1 25
Potato.....	1 00
Surprise.....	1 25
Excelsior.....	1 50
Probsteier.....	1 25

Rye.

Spring Rye.....	2 50
Winter Rye.....	1 50

Buckwheat.....Per bush., \$2 00

MISCELLANEOUS.

Broom Corn, Dwarf.....	<i>Holcus saccharatus</i>	Per qt.	50
Flax Seed.....	<i>Linum usitatissimum</i>	Per qt.	30
Indigo Seed.....	<i>Indigofera tinctoria</i>	Per pkt. 10c.	Per oz. 50
Opium Poppy.....	<i>Papaver somniferum</i>	Per oz. 30c.	Per lb. \$2 00
Spring Vetches.....	<i>Vicia sativa</i>	Per qt. 25c.	Per bush. 4 50
Sunflower.....	<i>Helianthus annuus</i>	Per qt.	30
Osage Orange.....	<i>Maclura aurantiaca</i>	Per lb.	75
Esparto Grass, (<i>Stipa tenacissima</i> .) Largely grown in the region of the Mediterranean for making ropes, etc. Per packet, 25 cents.

Vegetable Roots and Plants.

(Prices on all Vegetable Plants, for larger quantities than here given, made known on application.)

HORSE RADISH ROOTS.

This is one of the most important and profitable of our market garden roots, and the demand for it is annually increasing. The sets may be planted at any time during spring, in rows 2 feet apart and about 18 inches apart in the rows. The planting is performed by making a hole about 8 inches deep with a long planting stick, into which the set is dropped, so that its top will be about 2 inches under the surface. It requires no further care, except an occasional hoeing between the rows. For winter use, take up in November, and pack in moist sand in the cellar or outhouse, where it will be out of the reach of frost. About 12,000 sets are required to plant an acre.

Per dozen, 20c.; per hundred, 75c.; per thousand, \$6 00.

(By mail, \$1 00 per hundred.)

ASPARAGUS ROOTS.

(See also page 51.)

Colossal. Two year roots, \$1 50 per hundred; \$12 00 per thousand. By mail, \$2 50 per hundred.

— One year old roots, \$1 00 per hundred; \$8 00 per thousand. By mail, \$1 25 per hundred.

Giant, or Purple-top. Two year old roots, \$1 00 per hundred; \$8 00 per thousand. By mail, \$2 00 per hundred.

RHUBARB ROOTS.

Rhubarb roots may be planted early in spring, or in fall, setting the roots three feet apart each way; if planted in spring on ground well prepared, a full crop may be gathered the succeeding season. It requires but little labor; once planted, it will remain in bearing condition for three or four years, only requiring a top-dressing of manure, dug in, in spring or fall.

Rhubarb is a most simple and convenient plant for forcing, which may be done either by hoeing the crowns, or inverting barrels over them in early spring, say two or three weeks before the weather opens, and covering the whole bed up to the depth of 3 feet, with leaves or other heating material. Rhubarb requires no light in forcing, the stalks being much more tender when light is excluded. Another method is to lift the roots in a mass in the fall, and place them in a back shed or furnace room; such situations as are adapted for the forcing of Mushrooms, will force Rhubarb; the requirements being moisture, and a temperature of from 45° to 60°.

25 cents each, \$2 00 per dozen. By mail, 35 cents each, \$3 00 per dozen.

JERUSALEM ARTICHOKEs.

Strong Tubers......Per qt., 25c.; per bush., \$5 00

CABBAGE AND CAULIFLOWER PLANTS.

We offer fine plants of the following varieties, that have been wintered over in cold frames, and are ready to plant out at any time from February to end of April, according to location.

	PER 100.
Early Jersey Wakefield.....	\$1 50
— Winningstadt.....	
— Ox-Heart.....	
— York.....	
— Summer. (See page 48.).....	
Cauliflower, Early Dwarf Erfurt.....	3 00
— Extra Early Paris.....	3 00
(25 cents per hundred additional by mail.)	

Hot-bed Plants of the above ready in May, at half of the above rates.

Tomato, Sweet Potato, Egg and Pepper Plants ready in May.

Celery Plants ready in June and July. See special price list issued June 1st, free by mail on application.

List of Small Fruits.

STRAWBERRY PLANTS.

Cultivation.—The best time to plant is in April and May; if planted in fall, from the middle of October to middle of November is the best time, as the roots are then well ripened and better able to bear transplanting than if taken up in September, when the plants are still growing, and the roots soft and easily damaged by exposure. Strawberries may be grown on any soil that will produce corn or potatoes. A light clay loam, well enriched with rotten barnyard manure, is the most favorable soil for most varieties. As soon as the plants are received, open the package or box *at once*, and, if possible, plant the same day. If the ground is not ready, or for other causes the planting has to be delayed, untie each bundle and heel in the plants in a shady place, or cover with damp moss and keep in a cool cellar until ready for planting. In the garden, plant in rows 18 inches apart, by 12 inches in the rows; after every third row, leave a space of two feet instead of 18 inches for a path. In the field, for cultivation by horses, the rows should be three feet apart. After the beds are marked out, make, with a hoe or a trowel, a hole for each plant, large enough to admit all the roots of the plant without crowding or bending them over. Then spread the roots in the hole and then fill up the hole to the crown of the plant, but no more. If the ground is very dry, it is best to plant towards evening, and to water the plants well. To secure healthy plants and a bountiful crop of fruit, the year after planting, the plants should not be allowed to bear the first season; the runners must be cut off before the tips take root, and the grounds kept loose and free from weeds. When lasting cold weather sets in, in this latitude about the last week in November, the plants should be covered with straw or leaves, or salt hay, or any other light material to the depth of one or two inches. This mulch is not removed until after the bearing of the plant. In the spring, when the strawberry leaves start, open with a pointed stick or the hand, the mulch over the crown of each plant. No other care is required before bearing. After the last picking the mulch is to be taken away altogether, and the beds cultivated as during the previous season. A strawberry bed managed in this way will last three to four years, so that in order to secure a full supply of berries every season, a new bed should be laid out every second year.

Varieties.

Neunan's Prolific. This is the celebrated "Charleston Strawberry," which created so much astonishment in the northern markets. Its introduction into cultivation in the Southern States has made the strawberry season in the northern cities two weeks earlier than formerly—berries of this variety having been offered for sale in New York in the month of March. The plant is very prolific and hardy at the North, as well as at the South. The berries are of good size and quality, firm, and have every requisite necessary for a first-class market fruit. Price, \$3 per dozen; \$20 per hundred.

Champion. A seedling of the Green Prolific. This new variety produces berries of immense size. The average weight of some exhibited at our store last season was one ounce for each berry, with a circumference of six inches. The productiveness of the plants is immense, many of the bushes yielding two quarts of berries. Fruit irregular, globe-shaped, of dark crimson color and good quality. \$1 per dozen; \$6 per hundred.

General Collection.

	Per doz.	Per 50.	Per 100.	Per 1000.
Agriculturist	\$ 50	\$1 00	\$1 50	\$10 00
Black Defiance	1 00	3 00	6 00	—
Charles Downing	50	1 00	1 50	10 00
Downer, (<i>Downer's Prolific</i> .)	50	1 00	1 50	10 00
Dr. Warder, (<i>new</i> .)	1 00	3 00	6 00	—
Green Prolific	50	1 00	1 50	10 00
Jucunda	50	1 00	2 00	15 00
Kentucky	50	1 00	1 50	15 00
Late Prolific, (<i>new</i> .)	1 00	3 00	6 00	—
Lennig's White	50	1 00	2 00	15 00
Monarch of the West	1 00	3 00	6 00	—
Nicanor	50	1 00	1 50	10 00
President Wilder	50	1 00	2 00	15 00
Seth Boyden	50	1 00	1 50	10 00
Triomphe de Gand	50	1 00	1 50	10 00
Wilson, (<i>Wilson's Albany</i> .)	50	1 00	1 50	10 00

(In addition to these we cultivate over one hundred varieties of Strawberries, comprising nearly every named kind grown in this country, and can furnish them in small quantities, at 50 cents per dozen.)

STRAWBERRY PLANTS—*Continued.*

From careful observation and many years' practical experience, we recommend for general cultivation, the following varieties of Strawberries:

For Heavy Soil.			For Light Soil.	
		Early.		
Nicanor.				Downer.
	Medium, or Main Crop.			
Wilson, Charles Downing.				Wilson, Charles Downing.
		Late.		
Triomphe de Gand, Jucunda.				Seth Boyden, Green Prolific.
		Latest.		
Kentucky.				Kentucky.

CURRENTS.

Cherry. The largest Red Currant in cultivation; dark red; bushes strong and stocky; very productive; the best variety for market. 25 cents each; \$1 50 per dozen; \$10 per hundred.

Versailles. Large; dark red; bunches long and tapering; not as acid as the preceding variety, and better flavored. The best for table use. 25 cents each; \$1 50 per dozen; \$10 per hundred.

White Grape. Large, white, transparent, juicy, sweet and rich; bushes hardy and productive; the best white currant. 25 cents each; \$1 50 per dozen; \$10 per hundred.

Black Naples. Berries very large, sometimes nearly one inch in diameter; black, sweet, of a musky flavor, much liked by some persons; valuable for jams and jellies. 25 cents each; \$1 50 per dozen; \$10 per hundred.

Two-year old bushes of the above-named varieties, 40 cents each; \$4 per doz.

Three-year old bearing bushes, 50 cents each; \$5 per dozen.

GOOSEBERRIES.

Houghton's Seedling. Fruit medium, roundish oval, pale red, sweet, tender and very good. A vigorous and very productive variety, not affected by mildew. Probably the best American Gooseberry. 25 cents each; \$2 per dozen; \$12 per hundred.

Two-year old bushes, 50 cents each; \$5 per dozen.

RASPBERRIES.**Red Varieties.**

Clarke. The hardiest of the Antwerp varieties. Berries light crimson, very sweet, rich and high-flavored. Canes very strong, erect and stocky; productive and entirely hardy. \$1 per dozen; \$4 per hundred; \$30 per thousand.

Hudson River Antwerp. Large and firm, flavor sweet and excellent, highly perfumed, very productive; half hardy. One of the very best varieties for market and home use. \$1 per dozen; \$6 per hundred; \$50 per thousand.

Philadelphia. Medium size; round, dark red, flavor mild; canes erect and strong. The most hardy and productive red raspberry; succeeds remarkably well on light soils, where most of the half-hardy varieties fail. \$1 per dozen; \$4 per hundred; \$30 per thousand.

Black Varieties.

Doolittle's Black Cap. Large, black, sweet, juicy; early, very productive and hardy; one of the most profitable market berries. \$1 per dozen; \$4 per hundred; \$30 per thousand.

Miami, or Mammoth Cluster. The largest black Raspberry in cultivation; brownish black, juicy, sprightly in flavor, vigorous; late and very productive. \$1 per dozen; \$3 per fifty; \$5 per hundred; \$40 per thousand.

Yellow Varieties.

Brinckle's Orange. Large, sweet and delicious; plant vigorous and productive. The best yellow variety; requires protection in winter. 25 cents each; \$2 per dozen; \$10 per hundred.

BLACKBERRIES.

Dorchester.—Large, oblong; flavor sweet and rich. The berries are firm and ripen early. One of the most desirable varieties for home use. \$1 per dozen; \$4 per hundred; \$30 per thousand.

Kittatinny.—Very large, slightly conical. The berries are firm, of sweet, excellent flavor, and are perfectly ripe as soon as they turn black. It is a vigorous grower, hardy and productive; continues four or five weeks in bearing. The best blackberry for general cultivation. \$1 per dozen; \$4 per hundred; \$30 per thousand.

Missouri Mammoth.—A new variety from Missouri. Berries larger than any other variety, and of a sweet, highly aromatic flavor; canes entirely hardy. \$1 per dozen; \$5 per hundred.

New Rochelle or Lawton.—Very large, roundish oval; juicy and sweet when fully ripe, at which time it is rather soft. As it becomes black several days before it is ripe, it is generally picked too soon; very productive. \$1 per dozen; \$4 per hundred; \$30 per thousand.

Wilson's Early.—Large, oval, pointed; flavor rich and good; ripens very early, and matures the whole crop in two weeks. \$1 per dozen; \$4 per hundred; \$30 per thousand.

GRAPES.

Concord.—Black, large berry, sweet and aromatic, the most valuable grape for general cultivation. It succeeds on all soils, ripens in every season, is healthy and hardy, and gives bountiful crops under almost any kind of treatment. One year old vines, 25 cents each; \$2 per dozen; \$10 per hundred. Two year old vines, 50 cents each; \$4 per dozen; \$20 per hundred.

Hartford Prolific.—Black, very early, hardy and healthy. One of the best very early varieties. One year old vines, 25 cents each; \$2 per dozen; \$12 per hundred. Two year old vines, 50 cents each; \$4 per dozen; \$24 per hundred.

Delaware.—Red, bunches compact, berries small, sweet, and of most exquisite aroma. For quality, there is no American grape to equal it. The young vines are somewhat tender, but when a few years old, become entirely hardy. One year old vines, 50 cents each; \$4 per dozen. Two year old vines, 75 cents each; \$7 per dozen.

Iona. Red, berries medium, of first quality for the table as well as for making wine. One year old vines, 50c. each; \$5 per dozen. Two year old vines, 75c. each; \$7 per dozen.

Martha. White, berries large, very sweet, with a fine spicy aroma; vine healthy and hardy. The best white grape for general cultivation. One year old vines, 75c. each; \$7 per dozen. Two year old vines, \$1 each; \$10 per dozen.

Eumelan. Bunches of large size, elegant form, and compact; berries large, with fine bloom and clear surface, adhering to the bunches long after ripening. For late keeping, bearing exposure well, and long transportation to market, it is all that can be desired. It is very vigorous, hardy and productive. One year old vines, 75c. each; \$7 per dozen. Two year old vines, \$1 50 each; \$15 per dozen.

Walter. Berries medium, reddish; clusters compact, ripens with the Hartford Prolific; continues to grow sweeter by hanging on the vine. This is the only American raisin grape. One year old vines, 75c. each; \$7 per dozen. Two year old vines, \$1 50 each; \$12 per dozen.

Croton. Bunch large, berry of medium size, light yellowish green, translucent, and in appearance and quality equal to the foreign grape; one of the earliest. One year old vines, \$1 each; \$10 per dozen. Two year old vines, \$2 each; \$20 per dozen.

Clinton, Diana, Salem, Isabella, Rentz, Norton's Virginia, Ives, Catawba, Rogers' No. 1, No. 3, No. 4, No. 15, No. 19, No. 33. One year old vines, 50c. each; \$5 per dozen. Two year old vines, \$1 each; \$10 per dozen.

The Planet Junior Seed Drills and Wheel Hoes.

THESE excellent tools are of the newest and most improved construction, combining all the good points of the original "Planets" with new and valuable features; they are simple, compact and strong, *working well in all soils*. Full directions for use accompany each machine.

Planet Jr. No. 2 Drill—At work.

readily pass fast roots, or rocks, or rubbish *without waste of seed*, by a slight raising of the handles. It is admirably adapted for market gardeners and nurserymen, and for field use generally. Price, \$12.00.

Planet Jr. No. 2 Drill.

This popular size has gained golden opinions during the past season; it is light, compact, durable, and easily understood; holds two quarts, yet works equally well with a smaller quantity.

The hopper revolves with the carrying wheels, preventing all packing and clogging so usual in upright hoppers; the holes can be minutely adjusted all together, and each is covered by a patent shield, discharging only after reaching the bottom, insuring regular dropping. The plow works between the carrying wheels, opening just at the depth set, avoiding the tiresome watch usually necessary. The covering is done as shown in the cut, the plow throwing the earth upon the wheels, which continually return it exactly on top of the seed, with admirable regularity and certainty. The plow will

Planet Jr. Combined Drill and Wheel Hoe.

and do also all the hoeing, with surprising ease, however small, should be without one. Price, \$15.00.

Planet Jr.

COMBINED DRILL and WHEEL HOE.

The combined Machine holds one quart. It is worked in the same manner and possesses all the excellencies of the No. 2 Drill. It becomes a Wheel Hoe by removing one bolt. It has two pairs of interchangeable tempered steel hoes, one for delicate work close to the plants, leaving the ground level; the other for throwing heavy furrows to or from the row. It has also a subsoiler and shovel plow for deep stirring, and for opening drills for Potatoes, Corn, Beans, &c. Onion growers can sow their crop any depth, width or thickness, regularly and perfection. No vegetable garden,

Planet Jr. Double Wheel Hoe—1st Hoeing.

and will work, in almost any way desired, all rows from six inches to eighteen inches wide, giving universal satisfaction at work. Price, \$10.00.

Planet Jr.

DOUBLE WHEEL HOE.

The double Wheel Hoe will do the work of six to twelve men with hand hoes, among market garden and root crops, and small nursery stock, *finishing perfectly both sides of the row at once*, working to or from it, deep or shallow, closer and far better than by hand, and also between the rows when desired. The arch allows working the crop until twelve inches high, both sides at once. The regular width between wheels is six inches, but it can be quickly reduced to one inch, then working between rows, as in late hoeings of onions, &c.; or it can be expanded to ten inches, for wide work and advanced crop. Each Machine has three pairs of exchangeable tempered steel hoes, and a pair of subsoilers,

THE COMSTOCK MACHINES.

The Comstock Seed Sower, with its attendant variety of cultivating tools, is the invention of a well-known Connecticut seed-grower, and the popularity of these implements is due no more to their excellence than to the practical knowledge and reputation of the patentee.

The Sowers may be had of us either as plain machines, or combined with any of the cultivating tools specified below. The prices include packing, each machine being completely boxed when shipped.

Seed Sower alone, or in Combination.

Seed Sower, alone.....	\$10 35
" " combined with Hand Cultivator and Onion Weeder.....	15 35
" " " " " and Strawberry Cutter.....	18 35

Cultivating Tools without Seeder.

Hand Cultivator and Onion Weeder combined.....	9 25
" " " " " and Strawberry Cutter, combined.....	12 25

Garden and Horticultural Implements.

No.	Price.
1. English Lawn Scythes, riveted backs, 30-inch, \$1 50; 32-inch, \$1 60; 34-inch, \$1 70; 36-inch, \$1 80; 40 inch, \$1 90; 42-inch.....	\$2 00
2. Best Brass Syringes, roses attached.....	9 00
3. " " " in handle.....	9 00
4. Trowels, 6-inch blade, 35 cents; 7-inch, 40 cents; 8-inch.....	50
5. Bayonet Hoe, 75 cents; with handle.....	1 00
6. Claw Hatchets, No. 1, \$1 25; No. 3.....	1 50
7. Bill Hooks, No. 1, \$1 50; No. 2.....	1 75
8. Broad Hatchets, No. 1, \$1 50; No. 3.....	1 75
9. Daisy Rakes, from \$3 50 to.....	5 00
10. Packing Needles.....	10
11. Weeding Hooks.....	1 00
12. Pruning Shears, with spring.....	3 50
13. Claw Hammers, two sizes, \$1 and.....	1 50
14. Hedge Shears, 8-in.....	2 25
15. Spring Pruning Scissors.....	3 00
16. Pruning Scissors, without spring, 4-inch, \$1; 6-inch, \$1 25; 7-inch.....	1 50
17. Hedge Shears, 9-inch.....	2 50
18. Scuffle Hoes, 6-inch, 75 cents; 7-inch, 80 cents; 8-inch, 90 cents; 10-inch, \$1; 12-inch.....	1 25
19. Tree Pruning Shears, \$2 75 to.....	4 75
20. Sheep Shears.....	2 00
21. Hedge Shears, 10 inch.....	3 00
22. Grass Edging Knives, \$1 50 to.....	2 00
23. Flower Gathering Scissors, 6-inch, \$1 25; 7-inch.....	1 50
24. Grape Scissors, 6-inch, \$1; 7-inch.....	1 25
25. Hedge Shears, 3-inch, \$2 25; 9-inch, \$2 50; 10-inch.....	3 50
26. Garden Reels, small, 75 cents; large.....	1 25
27. Tree Scraper, 50 cents to.....	75
28. Edging Shears, 8-inch, \$3 75; 9-inch.....	4 50
29. Pruning Saws, 14-inch, \$1 25; 16-inch, \$1 40; 18-inch, \$1 50; 20-inch.....	1 75
30. Budding Knife, \$1 50; No. 31, \$1 25; No. 32, \$1 25; No. 33, \$1; No. 34, \$1 25; No. 35.....	1 25
36. Pruning Knife, \$3; No. 37, \$2; No. 38, \$1 50; No. 39, \$1; No. 40, \$2; No. 41, \$1 25; No. 42, \$1 25; No. 43, \$1; No. 44, \$1; No. 45, \$1 50; No. 46, \$1 50; No. 47, \$1; No. 48, \$2; No. 49, \$2; No. 50.....	2 00
51. Garden Engine.....	35 00
52. Improved Hinge Harrow, No. 1, 24 teeth, \$20; No. 2, 30 teeth.....	22 00
53. Wethersfield Seed Drill.....	9 00
54. Sickle, or Grass Hook, No. 1, 75 cents; No. 2, \$1; No. 3.....	1 25
55. Square-pronged Potato Hook, 4-prong, 75 cents; 5-prong, 90 cents; 6-prong.....	1 00
56. Improved Prong Hoe.....	1 50
57. Wooden Grass Rake.....	60
58. Hay Fork, 2-prong, 75 cents; 3 prong.....	1 00
59. Steel Rakes, 6-teeth, 75 cents; 8-teeth, 80 cents; 10-teeth, 90 cents; 12-teeth, \$1; 14-teeth, \$1 25; 16 teeth.....	1 50
60. English Scythe Stones.....	30
61. Draw Hoes.....	75
62. English Bill Hooks, No. 1, \$1 50; No. 2.....	1 75
63. English Scuffle Hoes, 6-inch, 75 cents; 7-inch, 80 cents; 8-inch, 90 cents; 10-inch, \$1; 12-inch.....	1 25
64. Rifles.....	15
65. Manure Forks, 4-prong, \$1 75; 5-prong.....	2 00
66. Shovels, Ames' Cast-steel.....	1 75
67. Cultivator Harrow.....	8 00
68. Cabbage Plow.....	5 00
69. Philadelphia Lawn Mowers, 16-inch cut.....	25 00
70. Miners' Gold Medal Sub-soil Plow, 1-horse, \$8; 2 horse.....	10 00
71. Snaths.....	1 00
72. Spades, Ames' Cast-steel.....	2 00
73. Digging Fork, 4-prong, \$2; 5-prong.....	2 25

THE Excelsior Lawn Mowers

FOR HAND OR HORSE POWER.

We confidently recommend these Lawn Mowers, which we believe to be the best in the market. They contain all the latest improvements, are perfect in construction and finish, and are warranted to give entire satisfaction.

HAND LAWN MOWERS.

No. 1 cuts 9 inches, price.....	\$15 00
No. 2 cuts 12 inches, "	20 00
No. 3 cuts 15 inches, "	25 00
No. 4 cuts 18 inches, "	30 00

HORSE LAWN MOWERS.

No. 5 cuts 25 inches, price.....	\$ 75 00
No. 6 cuts 30 inches, "	125 00
No. 7 cuts 35 inches, "	165 00
No. 8 cuts 40 inches, "	200 00

Horse Boots, \$12 per Set.

The Hills Archimedean Lawn Mower.

The principle features of this well-known Machine are its simplicity of Construction, Easy Draught, Durability, Perfectness in its Manufacture, Easy way of Sharpening the Cutters when dull.

Upwards of Sixteen Thousand of these Machines have been sold since its introduction, and so perfect and correct are the principles upon which it is constructed, that not one has ever been returned. Yet experience has suggested improvements, chief among which are increased durability and ease of operating.

The invention of the Hills Lawn Mower wrought a complete revolution in the manufacture of Lawn Mowers, both in this country and in Europe, as it was the first balanced Lawn Mower ever made, being constructed on principles so simple as not only to reduce cost (placing it in reach of every person needing it), but it is also of very light weight and draft, so that even a lad can work them with ease, doing a way with the cumbersome, complicated, and expensive machines heretofore used.

Archimedean Lawn Mower.

14 inch cut. Price, \$25.

GARDEN BARROW.

Our Garden Barrows are substantially made with hard-wood frames, strong hand-made wheels, and iron axle-boxes. Price, No. 1, \$4.50; No. 2, \$6.00; No. 3, \$6.50; No. 4, \$7.00.

Improved Garden Roller.

Since the Hand Roller was first introduced, it has been greatly improved in style and variety of forms.

By the addition of weights along the shaft, greater weight is obtained, while they are so adjusted that when not in use the handle is thrown up from the ground, and kept clean and out of the way.

2 Sections, each 7½ in. long, by 15 in. diameter.....	\$12 00
2 " " 12 " " 20 "	25 00
2 " " 12 " " 24 "	30 00

BRYANT'S IMPROVED PLANT PROTECTOR.

We offer this season an improved pattern of this useful article, which we feel certain will give great satisfaction. As shown in the engraving, it is of circular form, having a diameter of 18 inches, and a height of 12 inches. The uses of the Plant Protectors are threefold:—first, against insects; second, against early frosts; third, against the cold winds, so fatal to tender plants, when first set out. Tomatoes, Egg Plants, Cucumbers, Melons, and all Vegetables of a tender nature, can be forwarded, and more safely grown by the use of these Protectors; also, all tender flowering plants, and the more delicate kinds of annual flower seeds, can be raised by being covered with them.

They should be used from six to twelve days, according to circumstances, if only for protection against early frosts; they should be put on in the evening, and taken off as soon as safe from frost in the morning; if against cold winds, keep them on during the day, until the young plant has taken root; if against the insect, that attacks Cucumbers and Melons, leave them on night and day, for 6 or 8 days, until the plant is strong enough to resist their attacks; if for annual flower seeds, leave on until the seeds begin to germinate. Price \$2 00 per dozen.

THE SIDNEY SEED SOWER FOR GARDENS.

This useful implement will supply a want long felt by all who have experienced the difficulty of sowing seeds with any regularity, particularly in wet or windy weather. It will distribute with equal regularity peas or the smallest flower seeds in any required quantity, either broadcast, or in drills, or pots. Small size, \$1 each; large size, \$1 50 each.

PATENT EXCELSIOR WEEDING HOOK.

The only instrument that can be used to advantage among small and tender plants. This instrument will work well among rows of seedlings, among ornamental plants, or in any place where freedom from weeds is desired. It removes the weeds with far greater rapidity than in the usual manner, without injuring the plants or soiling the hands, and is in all respects one of the best instruments ever offered for this purpose. Price, 30 cents; by mail, 40 cents.

NOYES' HAND WEEDER.

This is a convenient, cheap and useful little implement for clearing away weeds, working between plants, dressing pots, and for other small work, where a large hoe could not easily be used. Price, 40 cents each.

GRASS BOUQUET.

FEATHER GRASS BOUQUET.

ORNAMENTAL GRASS BOUQUETS, IMMORTElLES, &c.

(All can be sent free by mail on receipt of price.)

The ornamental Grass Bouquets are composed of natural grasses, dyed in various colors and very beautifully arranged. The colors are particularly bright and durable, and the bouquets form beautiful ornaments for filling vases in the parlor or sitting room, retaining their shape and beauty for several years.

ROUND PYRAMIDAL GRASS BOUQUETS.—(German.)

14 inches high.....	\$0 50	24 inches high.....	\$1 25
18 " " ".....	60	28 " " ".....	1 50
22 " " ".....	1 00	30 " " ".....	2 00

ENGLISH GRASS BOUQUETS.

Small size.....	75c.	Large Size.....	\$1 00
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FEATHER GRASS BOUQUETS.

These bouquets are composed entirely of Feather Grass (*stipa pennata*), and are exceedingly graceful and beautiful, various colors.

18 inches high.....	\$0 60	24 inches high.....	\$ 2 00
20 " " ".....	1 00	28 " " ".....	3 00
22 " " ".....	1 50		

FEATHER GRASS, natural color, 30 cents per bunch.

FEATHER GRASS, green, yellow, orange, mauve magenta, each in separate colors, 50 cents per bunch

CORAL BASKETS OF EVERLASTING FLOWERS.

6½ by 9 inches.....	\$1 00	7½ by 10 inches.....	\$1 50
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WILLOW BASKETS OF EVERLASTING FLOWERS.

5 by 6 inches.....	\$1 00	6 by 10 inches.....	1 75
5½ by 8 ".....	1 25		

FRENCH IMMORTElLES.

In original bunches as imported. (See Cut.)

White,	75 cents per bunch.
Black,	75 " " "
Green,	75 " " "
Golden Yellow,	50 " " "
Blue,	75 " " "
Orange,	75 " " "
Magenta,	75 " " "
Lilac,	75 " " "
Mixed	75 " " "

Bromus, a beautiful grass, plain.....Each 25 cents.
 " dyed in separate colors....." 40 "
 French Green Moss....." 30 "
 " " ".....per dozen \$3 00

Length of barrel 18 in., diameter $1\frac{1}{4}$.**IMPROVED BRASS GARDEN SYRINGES,**

Of various sizes and patterns, applicable for all horticultural purposes in the Conservatory; Forcing-house, and Garden; fitted with caps or roses for ejecting water in one stream, or dispersing it in the most gentle manner, or with great force, when required.

- No. 00, unpolished, one spray rose, adapted for throwing whale oil soap, liquid tobacco, etc. \$3 00
 No. 2, Ladies' Syringe, small size, with three roses. 5 00
 No. 5, Best conical valve Syringe, large size, with one stream and two spray roses. 9 00
 No. 7, Same as No. 5, but having a knuckle-joint turning in all directions, for washing the under surface of the leaves of plants, cleaning them from insects, etc. 11 00

THE FOUNTAIN PUMP, OR HYDRONETTE. **A Garden Engine and Fire Extinguisher Combined.**

The most useful and convenient apparatus for watering Shrubbery, Gardens, or Conservatories, for washing Windows, Sidewalks, Carriages, etc., or for extinguishing Fires. Price. No. 2, \$8. No. 3, \$10.

EXPANDING POT COVERS.

For ornamenting common Flower Pots.

Painted, in colors.

5 inches high.....	Each. 15c.	7 inches high.....	Each. 25c.
6 " " ".....	20c.	8 " " ".....	30c.

Polished, in colors.

5 inches high.....	Each. 20c.	7 inches high.....	Each. 30c.
6 " " ".....	25c.	8 " " ".....	35c.

Polished, with Stud Nails, in colors.

5 inches high.....	Each. 40c.	7 inches high.....	Each. 50c.
6 " " ".....	45c.	8 " " ".....	55c.

The Excelsior Pump.

This compact pump is particularly useful for greenhouse and garden work. It is light, portable, easily worked and very effective, and has the further merit of throwing a continuous stream. Its value is enhanced by the fact of its utility not being confined to Horticultural purposes, for, from its power, it will be found to be of great service in case of fire.

Price, \$10 each.

WINDOW WITH BRACKETS.

ORNAMENTAL FLOWER POT BRACKETS.

Especially adapted for window-garden-
ing. The brackets are movable, so that they
may be swung to any position desired. They
are strongly made of iron, tastefully bronzed.

No.	Each.
1. Single Bracket, with 5-inch tray.....	\$0 50
2. " " " 6 " "	0 60
3. Bracket for two pots, 5 and 6 inch trays.....	1 60
4. " " three pots, 5 and 6-inch trays.....	2 00
5. " " four pots, (see cut) 5 & 6-inch trays. 2 25	
6. " " four pots, new pattern, gilt, very handsome	3 50

Rustic Hanging Baskets.

(Our Rustic Baskets are particu-
larly well made, have deep bowls,
and as will be seen are very low in
price.)

8	inches in diam.....	\$1.25	each.
9½	" " "	1.50	"
11	" " "	2.00	"
11½	" " "	2.50	"

Rustic Vase.

Height of Stand, 34 inches:
length, 22 inches;—fine roomy
stand. Price, \$8.

Wire Hanging Baskets.

8	inches diam ..	60c.	each
9	" "	75c.	"
10	" "	1 00	"

We have constantly on hand a large assortment of
Rustic Work, comprising Garden and Piazza Settees
and Chairs, Rustic Tables, Croquet Stools and Vases.
Prices and descriptions of which we shall be pleased to
forward to those who desire it.

LADIES' AND CHILDREN'S GARDEN TOOLS.

A very useful set of Implements, consisting of a Spade, Fork, Rake, and Hoe.
They are made of the best steel, handsomely finished, and are not toy tools at all, but
made for service. The tools are about ten inches in length, and besides being just
the thing for children, will be found of great service by ladies and others. In all flower
gardens a great deal of small hand-work must be done, and these little Implements
will be found very useful in loosening the soil, and removing the weeds from among
young plants. No. 1, extra polished, \$1.25 per set; by mail, post-paid, \$1.50. No. 2,
painted and polished, \$1 per set; by mail, post-paid, \$1.25.

WISS'S HAND PRUNING SHEARS.

These are very efficient instruments, and leave the branch which has been cut, as smooth as if a knife had been used. They will always be found useful in the graperies and in pruning small fruit vines, etc.

No. 1, a large size, \$2 25; No. 2, medium size, \$2; No. 4, small size, \$1 50.

MERRIMAN'S RAT AND MOLE TRAP.

This has been pronounced by those who have examined and tested its merits, to be the most ingenious and practical article of the kind ever brought before the public. It is just the thing that has long been needed by those who are annoyed by those troublesome pests, ground moles and rats. Price, \$1.

PLANT AND TREE LABELS.

	Per 100.	Per 1000.
GARDEN AND POT LABELS, 4 inches long.....	20c.	\$1 25
" " " 5 " "	25c.	1 50
" " " 6 " "	30c.	2 00
" " " 8 " "	60c.	5 00
" or NURSERY " 12 " "	75c.	6 00
TREE LABELS, notched or pierced, 4 inches.....	20c.	1 25

PLANT STICKS.

	Round Sticks, Painted Green, with White Tops.		Square Sticks Painted Green.	
	Per doz.	Per 100.	Per doz.	Per 100.
2 feet long.....	\$ 60	\$4 00	\$ 40	\$2 50
3 " "	80	6 00	60	4 00
4 " "	1 00	7 50	70	5 00
5 " "	1 25	9 00	80	6 00
6 " "	1 50	10 00	1 10	8 00

THERMOMETERS.

7 inch, 50c.; 8 inch, 75c.; 10 inch, \$1 00; 12 inch, \$1 50.

WOLFF'S MARKING INK PENCILS.

Black, Blue, or Red. The cheapest made for producing an indelible mark upon wood labels for garden purposes, 20c. each.

TROWBRIDGE'S GRAFTING WAX.

1n 1-lb., $\frac{1}{2}$ -lb., and $\frac{1}{4}$ -lb. packages.....40c. per lb.; 15c. per $\frac{1}{4}$ lb.

TYING MATERIALS.

CUBA BAST, best imported.....	\$1 00 per lb.
BASS BARK, best quality.....	30 "
JAPAN FLAX, very fine and strong.....	75 "
RAPHIA, very strong.....	1 00 "

GARDEN LINES.

75 feet.....40 cents. 150 feet.....75 cents.

INSECT EXTERMINATORS.

Whale-Oil Soap. Excellent for destroying and preventing insects on plants, vines, etc. 2-lb. package, 35c.; 5-lb. box, 80c.; 10-lb. box, \$1 50.

Gishurst Compound. An English preparation, highly recommended for preventing and destroying *Red Spiders*, *Scale*, *Mealy Bug*, *Thrip*, *Green and Brown Fly*, etc.; also, for Winter dressing, and washing walls, frames and sashes of greenhouses. Price per box, \$1.

Jacques' Sapo Tabacum, or Tobacco Soap. A universal remedy for the pests of gardens and nurseries, etc. The most convenient and cheap specific for the destruction of insects, parasites, and their eggs, infesting plants. Also ticks and other parasitic vermin on sheep and domesticated animals. Price, 50 cents per pound; 5lbs. for \$2 00

Tobacco Dust.....Per lb., 10c.

POT PLANT & GARDEN TRELLISES.

The Trellises are very ornamental, and are used for training plants, vines, etc., either when grown in pots or in the open ground. They are made wholly of wood, painted green, are very light, retain their shape better, and come much cheaper than those made of wire. Our already unsurpassed assortment has been increased this season by the addition of several new and tasteful designs.

No. oo.
18 in. stick,
3½ in. wide.
8 cts. each.

2 feet Veranda.
8½ in. wide,
24 in. high.
45 cts. each.

Arch Top Ivy.
14 in. wide,
28 in. high.
\$1.00 ea. h.

Cross.
15½ in. wide,
24 in. high.
45 cts. each.
24 in. wide,
42 in. high.
70 cts. each.

No. oo wide.
20 in. stick.
8 in. wide.
10 cents each.

No. o¼.
24 in. 20 c. each.
30 " 30 c. "
42 " 60 c. "

No. o wide.
24 in. stick,
8 in wide.
15 cents each.

Round Ivy.
16 in., 65 cts. each.
20 in., 85 cts. each.
24 in., \$1.00 each.

No. o.
24 in. stick,
5 in. wide.
12 cents each.

FAN.		Each.
3½ ft.	21 in. wide....	\$ 60
4 "	" 27 "	75
5 "	" 32 "	80
6 "	" 38 "	90
7 "	" 42 "	1 10
8 "	" 46 "	1 25

Veranda.		Each.
3 ft. \$	60 8 ft.	\$1 50
4 ft.	75 9 ft.	1 75
5 ft.	90 10 ft.	2 00
6 ft.	1 00 11 ft.	2 25
7 ft.	1 25 12 ft.	2 50

BAR TRELLIS
(New.)
30 in. high, 10
in. wide,
35 cts. each.

STAR IVY.
(New.)
16 inch.....55 cents.
20 "80 "

BANNER. (New.)
2 ft. high, 14 inches wide,
55 cts. each.
3 ft. high, 16 inches wide,
70 cts. each.

THE BLOOD AND BONE FERTILIZER

Is manufactured entirely from the Blood and Bones of the animals slaughtered at the immense Abattoirs, near Jersey City, N. J. This district is close to the largest market gardens in the vicinity of New York. These gardens are owned by men whose knowledge and experience in the matter of fertilizers are equal to any in the country, and all, without exception, testify to its great superiority over every other fertilizer tried. This unanimous approval is undoubtedly from the fact that the article manufactured is pure blood and bone---nothing more. That it will be to the interest of the Company to make it continuously so, there is no doubt. They are located in the midst of hundreds of men who, if the article is purely made, will be profitable buyers, while if adulteration was attempted, in the hands of such "experts" it would be at once detected. With the belief that the **BLOOD AND BONE FERTILIZER** is solely composed of these articles, and that it will continue to be so manufactured, we have undertaken its agency.

PRICE:	{	100 lbs. to	500 lbs.	-	-	\$5 per 100 lbs.	} Delivered in	
		500 "	to 1000 "	-	-	4 " 100 "		New York.
		2000 "	or	1 ton,	-	65 " ton.		

PERUVIAN GUANO.

Guano is one of the best and most powerful stimulants for plants and growing crops. Before using, it should be made fine, and may be mixed with loam, charcoal-dust, or plaster. It should not be mixed with lime or ashes; muck and clay also are not suitable. It should not come in contact with growing plants. As it is nearly soluble in water, it is most easily converted into liquid manure, and when applied in that form its effects are almost immediate. One pound of Guano to twenty gallons of water will be sufficiently strong for a single watering each week, and more efficient than repeated waterings with weaker solutions. Per pound, 10 cents; twenty-five pounds, \$2; per bag of about one hundred and sixty pounds, six cents per pound.

STANDEN'S GARDENER'S AND AMATEUR'S FRIEND.

FOR HOUSE OR GARDEN PLANTS.

This is one of the richest fertilizing agents known; the volatile principles being chemically fixed, the compound is thereby rendered perfectly inodorous, and may, in consequence, be freely used in conservatory and parlor. Has been highly extolled as being the most safe and valuable fertilizer for all kinds of greenhouse plants, having none of the injurious effects of guano when used in too large quantities. Per canister, 75c.

ALLEN'S POTATO DIGGER.

This implement weighs one hundred pounds, and is of very light draft. A pair of small horses or oxen, with a boy to drive, will easily dig potatoes as fast as twenty men can pick up. It turns them out so cleanly that scarcely one bushel in fifty, whether small or large, is left uncovered.

The standard is high, so as to allow of its working freely, without clogging from weeds and potato vines, but in harvesting for an early market, when the vines are long and still green, the work will be much facilitated by cutting these and removing them from the rows.

The prongs in this Digger are of wrought iron, and are made of any size or shape, to suit different soils. They are attached by bolts to the mouldboard, and easily removed if necessary. Price, \$15.

COMMON SQUARE HARROWS.

These are the most simple and the cheapest Harrows made. The teeth are tapering in shape, so that when loosened by weather or rough usage they can be driven tight again. The teeth bars, being riveted at their ends, cannot split.

Hard Wood frame with 15 teeth.....	\$9 00
" " " " 19 "	11 00
" " " " 23 "	15 00

THE CELEBRATED CULTIVATOR HOE.

As a Farm and Garden Hoe combined, is better adapted for either purpose than any other Hoe in use. It has invariably taken the First Premium wherever exhibited. It is manufactured of the very best materials, and is highly finished.

Price, 5 in., 75c.; 6 in., 90c.; 7 in., \$1 10.

PETER HENDERSON & CO'S SUPPLEMENT.

The following Novelties arrived too late for insertion under their proper heading:

Blumenbachia Coronata.

Blumenbachia Coronata

This very pretty plant is a native of Peru.

It is a dwarf shrubby growing annual, forming handsome tufts about $1\frac{1}{2}$ ft. high by about 1 ft. through. The flowers, which are borne in great profusion, are of a striking orange red color, coronal-shaped, and are about $\frac{1}{4}$ of an inch deep by $1\frac{1}{2}$ in. in diameter.

The *Gardener's Chronicle* (London) in describing the stinging properties of this plant, thus alludes to it:

"The presence of danger always renders beautiful objects still more fascinating. 'The rose with all its thorns is best of all.' This is the reason why the beautiful plant of *Blumenbachia coronata*, exhibited at the Royal Horticultural Society proved so attractive to many a visitor in the council room. The beautiful habit and fine large orange colored flowers of this plant were fascinating enough in their way, but the label requesting no one to touch it on account of its stings, completed the charm."

Per packet, 50 cents.

Double Rose Canterbury Bells.

A new and valuable acquisition to the double varieties of this popular and beautiful class. The flowers are of a bright rose color, perfectly double. The plant attaining a height of $2\frac{1}{2}$ feet. *Hardy biennial.*

Per packet, 50 cents.

Ricinus Gibsonii.

A very dark-leaved variety of this useful group of Sub-tropical plants. It grows from 4 to 5 feet high, has a fine branching habit, and particularly distinguishes itself from every other variety by the intense deep red color of its foliage, reminding one of some of the dark-leaved varieties of *Amaranthus*, which are so much grown for the purpose of giving coloring and effect to groups and masses.

Per packet, 50 cents.

Amaranthus Henderi.

This beautiful *Amaranthus* differs from all other varieties, and has produced a range of colors never before seen in any class of plants. From its graceful habit and brilliant colors it produces a striking effect and is admirably adapted either for table decoration, the conservatory, or the garden. When young the color of the leaves are brown madder and bronze; as they grow larger each plant assumes its distinctive color. The leaves vary in length to twelve inches, and are of a graceful drooping habit.

Per packet, 50 cents.

See Premium List on other side.

\$150 IN PREMIUMS.

We offer again this year the following Premiums to purchasers of our Seeds or Plants. All specimens for competition to be grown from Seeds or Plants purchased directly from us, and to be delivered free at our store, 35 Cortlandt Street, N. Y., at any time during the month of September, 1875.

The successful competitor for the Trophy Prize last year was Thos. Turnbull, Gardener to Mrs. S. P. Lees, High Bridge, N. Y., whose Tomato of perfect shape weighed twenty-four ounces. Mr. Turnbull also secured the premium for largest specimen of Egg Plant, which weighed seven pounds and thirteen ounces. John Moses, Gardener to S. G. Nicholson, Esq., Milburn, N. J., carried off the premium for best collection of Onions and Sweet Corn.

For the heaviest and best formed Trophy Tomato.....	\$50 00
“ best collection of Tomatoes.....	10 00
“ “ “ Onions.....	10 00
“ “ “ Sweet Corn.....	10 00
“ “ “ Beets.....	10 00
“ “ “ Peppers.....	5 00
“ “ Specimen Egg Plant.....	5 00
“ “ “ of our New Early Summer Cabbage...	5 00
“ “ Collection of Annual Flowers (<i>cut</i>), grown from seed, not less than 25 varieties...	25 00
“ “ “ Roses (<i>cut</i>), not less than 25 varieties..	10 00
“ “ “ Verbenas (<i>cut</i>), “ “ 50 “ ..	10 00

Peter Henderson & Co

35 CORTLANDT STREET,

NEW YORK.

TO ALL WHO LOVE FLOWERS AND GARDENING.

SEND TEN CENTS FOR SPECIMEN COPY OF

The Ladies' Floral Cabinet,

A splendidly illustrated Paper devoted to Flowers, Window Gardening, and Floral Elegancies. Much the best publication on floral topics, and exceedingly valuable to all lovers of Household Art, for its suggestions of good sense, refinement and practical value. Has also valuable departments on Cottages, Fancy Work, Home Pets, Music, Housekeeping, &c.

Price \$1.30 per year, including beautiful Floral Chromo "MY WINDOW GARDEN."

Price 35 cents on trial three months, including beautiful Floral Chromo, "GEM OF THE FLOWER GARDEN."

THE HORTICULTURIST,

Devoted especially to Gardening, Greenhouses, Fruits, Ornamental Trees, Shrubs, Plants for the lawn and pleasure ground, for the window garden and conservatory; with frequent illustrations of Cottages, Garden Scenes and Designs of Rural Art and Taste. Invaluable to every Florist, Gardener, or owner of a Garden or Greenhouse.

Price, \$2 per year. 10 cents specimen copies, 35 cents on trial three months.

Window Gardening. A new book containing descriptive list of Plants for Window Gardening, Directions for Culture, and Abundant Suggestions about Plants and Flowers for the Parlor, Conservatory, Wardian Case, Fernery and Window Garden. Tells all about Bulbs for House Culture, Hanging Baskets, Insects and Floral Decorations. The illustrations (exceeding 250) are unusually beautiful, and many of them perfect gems of exquisite beauty. 300 pages. Price \$1.50 by mail post-paid.

Every Woman Her Own Flower Gardener. An attractive little Treatise on On-Door Gardening for Ladies. Practical, Timely, Charmingly Written. Cannot fail to be universally liked. Valuable Information about Pansies, Roses, Geraniums, Fuchsias, Climbing Plants, Annual Perennials, Ribbon Beds, &c. Printed in excellent taste. Price 50 cents post-paid. Cloth, \$1.

Address,

HENRY T. WILLIAMS,

46 Beekman Street, New York.

N. B.—Please refer to the Catalogue in your order.

P. O. Box 2445.

THE "CHARTER OAK" LAWN MOWER.

This hand Lawn combines simplicity, durability and light draft, making it one of the best Machines that has yet made its appearance. It is light and easily operated, beautifully made and finished, leaving no essential point overlooked, has a three-blade solid revolving cutter, preventing any appearance of ribbing on the finest lawn, with patent journals and boxes, which prevent and overcome the objection in other mowers of grass winding around the revolving cutter, which is a great and important improvement; a noiseless ratchet, close covered gears, iron handle and reversible driving wheels (a new feature,) allowing the Machine to turn either to the right or left without injury to the sod. It weighs 15 lbs. less than the old styles.

Price, 15 inch cut, \$25.

18 inch cut, \$30.

Address,

PETER HENDERSON & CO.,

35 Cortlandt Street, New York.

NEWLY REVISED AND ENLARGED EDITION
OF
Gardening for Profit

A WORK DEVOTED TO VEGETABLE GARDENING,

BY

Peter Henderson.

Its teachings are our personal experience of over 20 years of growing vegetables for the great market of New York; and though mainly written for the market gardener, hundreds of amateurs and private gardeners have thanked us for its publication. Since the first edition, printed in 1866, upward of FIFTY THOUSAND COPIES have been sold. The subjects treated of are

Men fitted for the Business of Gardening.
The Amount of Capital Required, and
Working Force per Acre.
Profits of Market Gardening.
Location, Situation and Laying Out.
Soils, Drainage and Preparation.
Manures, Implements.
Uses and Management of Cold Frames.

Formation and Management of Hot-beds.
Forcing Pits or Greenhouses.
Seeds and Seed Raising.
How, When and Where to Sow Seeds.
Transplanting, Insects.
Packing of Vegetables for Shipping.
Preservation of Vegetables in Winter.
Vegetables, their Varieties and Cultivation.

SENT POST-PAID, PRICE \$1.50.

BY THE SAME AUTHOR :

Practical Floriculture.

NEW AND REVISED EDITION.

A Guide to the Successful Propagation and Cultivation of Florist's Plants.

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